

**REDACTED**

LB000022

United States Environmental Protection Agency  
Region 4



35<sup>TH</sup> AVENUE REMOVAL INVESTIGATION  
BIRMINGHAM, ALABAMA  
JEFF CROWLEY, ON-SCENE COORDINATOR

**FIELD SAMPLING LOGBOOK**

Book 1 of 1

Inclusive Dates: 1/7/13 - 1/10/13

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		<u>OTIE</u> , Team Leader
		<u>AES</u> ✓

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## Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SED) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SEDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than ( $\leq$ ) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ( $>$ ) 5,000 square feet and  $\leq$  ¼-acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over ¼-acre in parcel lot size will be divided into ¼-acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SED FBSTP Sediment Sampling (SEDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34<sup>th</sup> Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SED FBQSTP Field XRF Measurement (SEDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.



ADDRESS: (b) (6) PROPERTY ID: HPO078

DATE: 01/07/13 ARRIVAL TIME: 13:15

Other pertinent information (weather conditions, etc.):

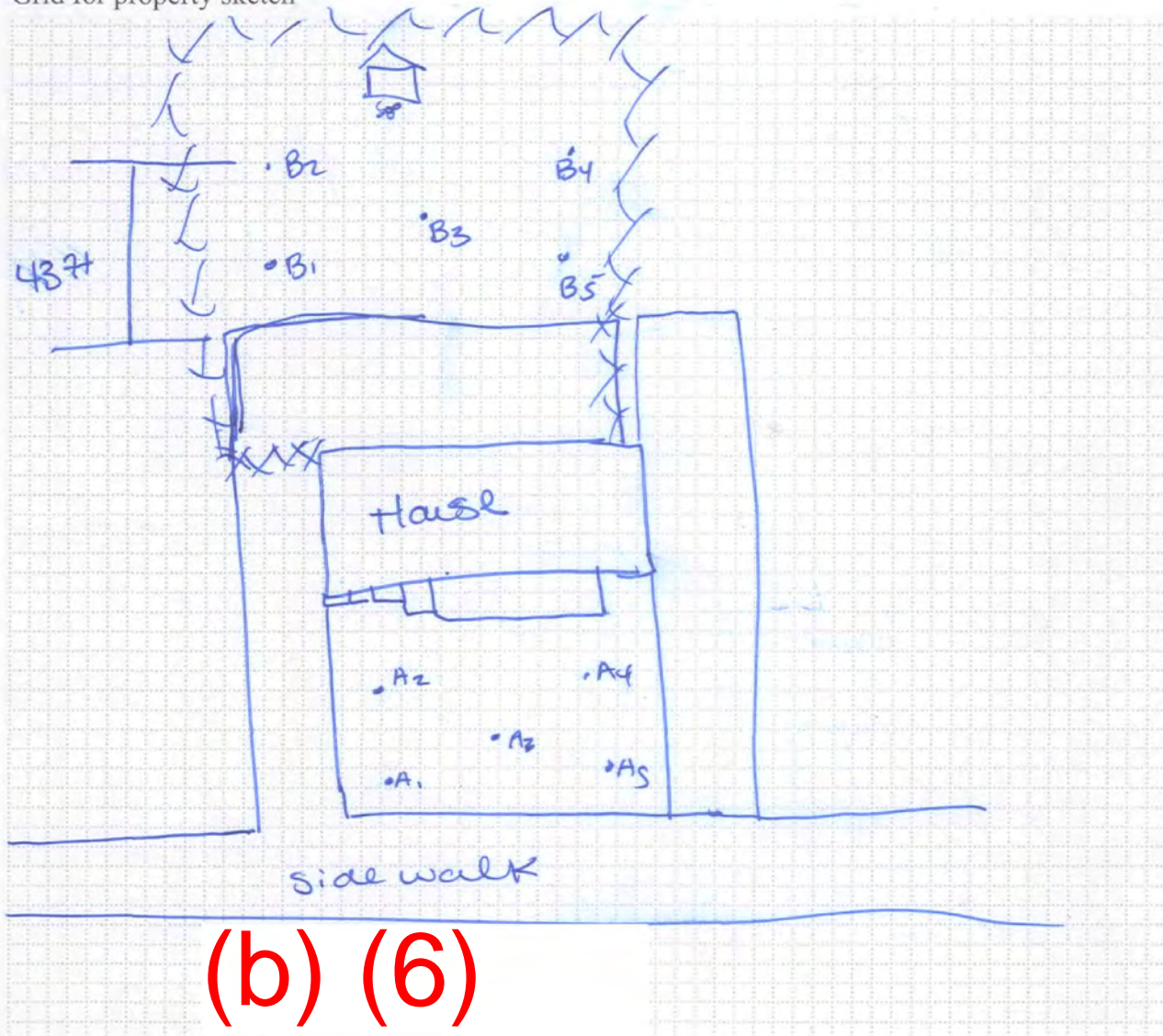
Sunny, 52°F

PROPERTY COMMENTS:

Resident home

w/ legal attorney (b) (6)

Grid for property sketch





STATION ID: HP0073ASAMPLE ID: HP0073A-CS-SPSAMPLE COLLECTION TIME: 1331Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0073AGPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or NAliquot #1: Latitude: 33.56392349 N Longitude 86.79024718 WMedia description: Dark brown to tan silty clay w/ gravel + small coal fragmentsAliquot #2 Latitude: 33.56398406 N Longitude 86.79024639 WMedia description: DK brown to tan silty clay w/ gravel + small coal fragmentsAliquot #3: Latitude: 33.56396384 N Longitude 86.79022786 WMedia description: DK brown to tan silty clay w/ gravel + small coal fragmentsAliquot #4: Latitude: 33.56397831 N Longitude 86.79019952 WMedia description: DK brown to tan silty clay w/ gravel + small coal fragmentsAliquot #5: Latitude: 33.56394154 N Longitude 86.79021139 WMedia description: DK brown to tan silty clay w/ gravel + small coal fragmentsSTATION ID: HP0073BSAMPLE ID: HP0073B-CS-SPSAMPLE COLLECTION TIME: 1323Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0073BGPS Coordinates: Trimble [☒] Instrument #: 02168 Logged? Y or NAliquot #1: Latitude: 33.56418596 N Longitude 86.79026598 WMedia description: Black silty clay moistAliquot #2 Latitude: 33.56421148 N Longitude 86.79026049 WMedia description: Black silty clay moistAliquot #3: Latitude: 33.56419968 N Longitude 86.79021833 WMedia description: Black silty clay moistAliquot #4: Latitude: 33.56422388 N Longitude 86.79019414 WMedia description: Black silty clay moistAliquot #5: Latitude: 33.56418806 N Longitude 86.79019786 WMedia description: Black silty clay moist



ADDRESS: (b) (6)

PROPERTY ID: HPO122

DATE: 1/7/13

ARRIVAL TIME: 1358

Other pertinent information (weather conditions, etc.):

Sunny, 52°F

PROPERTY COMMENTS:

Resident name

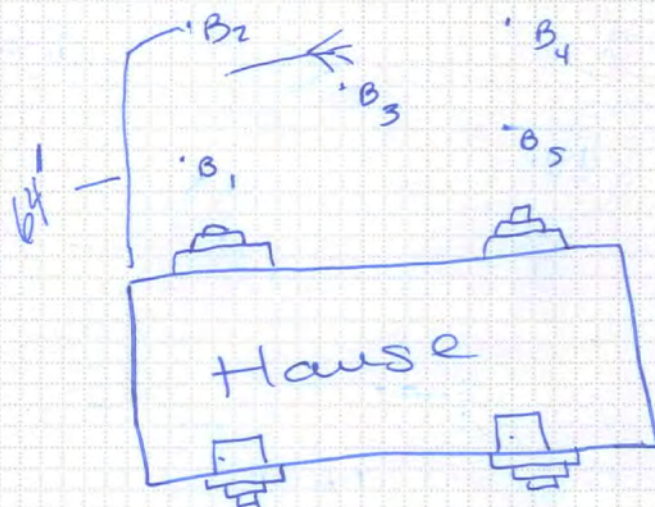
w/ (b) (6)

legal

attorney Duplex vacant shares an

address w/ (b) (6)

Grid for property sketch



(b) (6)



STATION ID: HPO122B SAMPLE ID: HPO122A-CS-SP <sup>BR 1/22/13</sup>

SAMPLE COLLECTION TIME: 1409 <sup>BB 1/21/13</sup>

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc): BB 1/21/13

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO122B

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.56511521 N Longitude 86.79182994 W

Media description: Blk silt w/ gravel dry

Aliquot #2 Latitude: 33.56523450 N Longitude 86.79182403 W

Media description: Drk brown clay w/ large amount of gravel dry

Aliquot #3: Latitude: 33.56517159 N Longitude 86.79180513 W

Media description: Drk brown clay w/ large amount of gravel dry

Aliquot #4: Latitude: 33.56522773 N Longitude 86.79175886 W

Media description: Drk brown clay w/ large amount of gravel dry

Aliquot #5: Latitude: 86.79177196 N Longitude 33.56513403 W

Media description: Drk brown clay w/ large amount of gravel dry

STATION ID: HPO122A SAMPLE ID: HPO122B-CS-SP <sup>BR 1/22/13</sup>

SAMPLE COLLECTION TIME: 1413 <sup>BB 1/21/13</sup>

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc): BB 1/21/13

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO0122A

GPS Coordinates: Trimble [☒] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.56490524 N Longitude 86.79184012 W

Media description: Drk brown to blk clay silt dry

Aliquot #2 Latitude: 33.56492360 N Longitude 86.79184101 W

Media description: Drk brown to blk clay silt dry

Aliquot #3: Latitude: 33.56491133 N Longitude 86.79180591 W

Media description: Drk brown to blk clay silt dry

Aliquot #4: Latitude: 33.56492375 N Longitude 86.79177658 W

Media description: Drk brown to blk clay silt dry

Aliquot #5: Latitude: 33.56489938 N Longitude 86.79178103 W

Media description: Drk brown to blk clay silt dry



ADDRESS: (b) (6) RTY ID: HP0290

DATE: 1/7/12 ARRIVAL TIME: 1440

Other pertinent information (weather conditions, etc.):

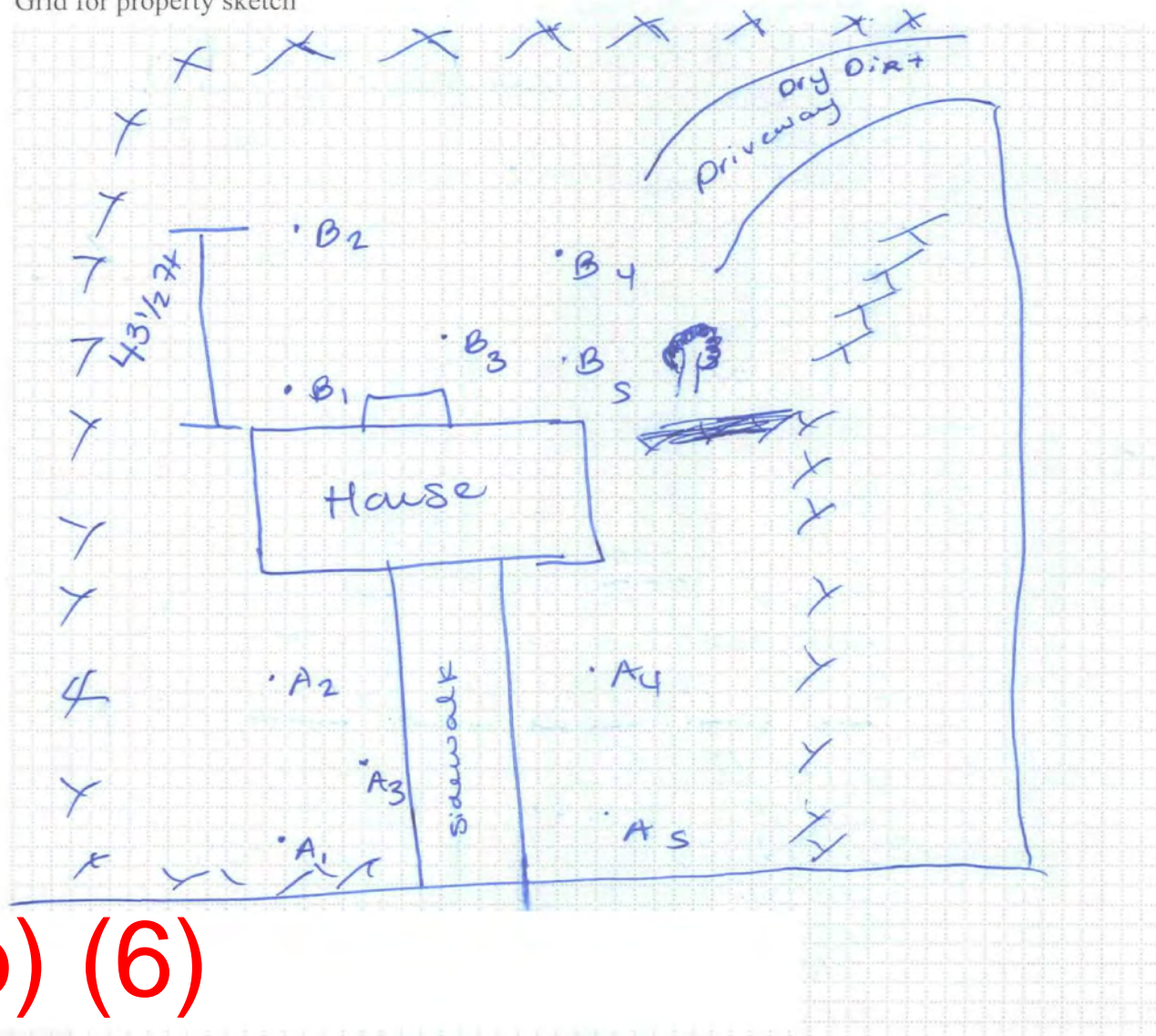
Sunny, 55°F

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal attorney

Grid for property sketch





STATION ID: HP0290ASAMPLE ID: HP0290A-CS-SPSAMPLE COLLECTION TIME: 1450Description of sample location (front, back, side, yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0290AGPS Coordinates: Trimble [☒] Instrument #: 020168Logged? Y or NAliquot #1: Latitude: 33.56539690 N Longitude: 86.79631408 WMedia description: BLK silty clay moistAliquot #2 Latitude: 33.56537088 N Longitude: 86.79628109 WMedia description: BLK silty clay moistAliquot #3: Latitude: 33.56534304 N Longitude: 86.79632661 WMedia description: BLK silty clay moistAliquot #4: Latitude: 33.56530272 N Longitude: 86.79634117 WMedia description: 33.56532109 BLK silty clay moistAliquot #5: Latitude: 33.56532109 N Longitude: 86.79637236 WMedia description: BLK silty clay moistSTATION ID: HP0290BSAMPLE ID: HP0290B-CS-SPSAMPLE COLLECTION TIME: 1458Description of sample location (front, back, side, yard; vegetable garden; play set; ditch, etc):Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0290BGPS Coordinates: Trimble [☒] Instrument #: 020168Logged? Y or NAliquot #1: Latitude: 33.56525256 N Longitude: 86.79610924 WMedia description: BLK silty clay w/ gravel moistAliquot #2 Latitude: 33.56521124 N Longitude: 86.79602286 WMedia description: BLK silty clay w/ gravel moistAliquot #3: Latitude: 33.56521144 N Longitude: 86.79608569 WMedia description: BLK silty clay w/ gravel moistAliquot #4: Latitude: 33.56516039 N Longitude: 86.79606549 WMedia description: BLK silty clay w/ gravel moistAliquot #5: Latitude: 33.56521740 N Longitude: 86.79614279 WMedia description: BLK silty clay w/ gravel moist



(b) (6)

ADDRESS

PROPERTY ID:

FM0230

DATE:

1/7/13

ARRIVAL TIME:

1528

Other pertinent information (weather conditions, etc.):

Sunny, 60°F

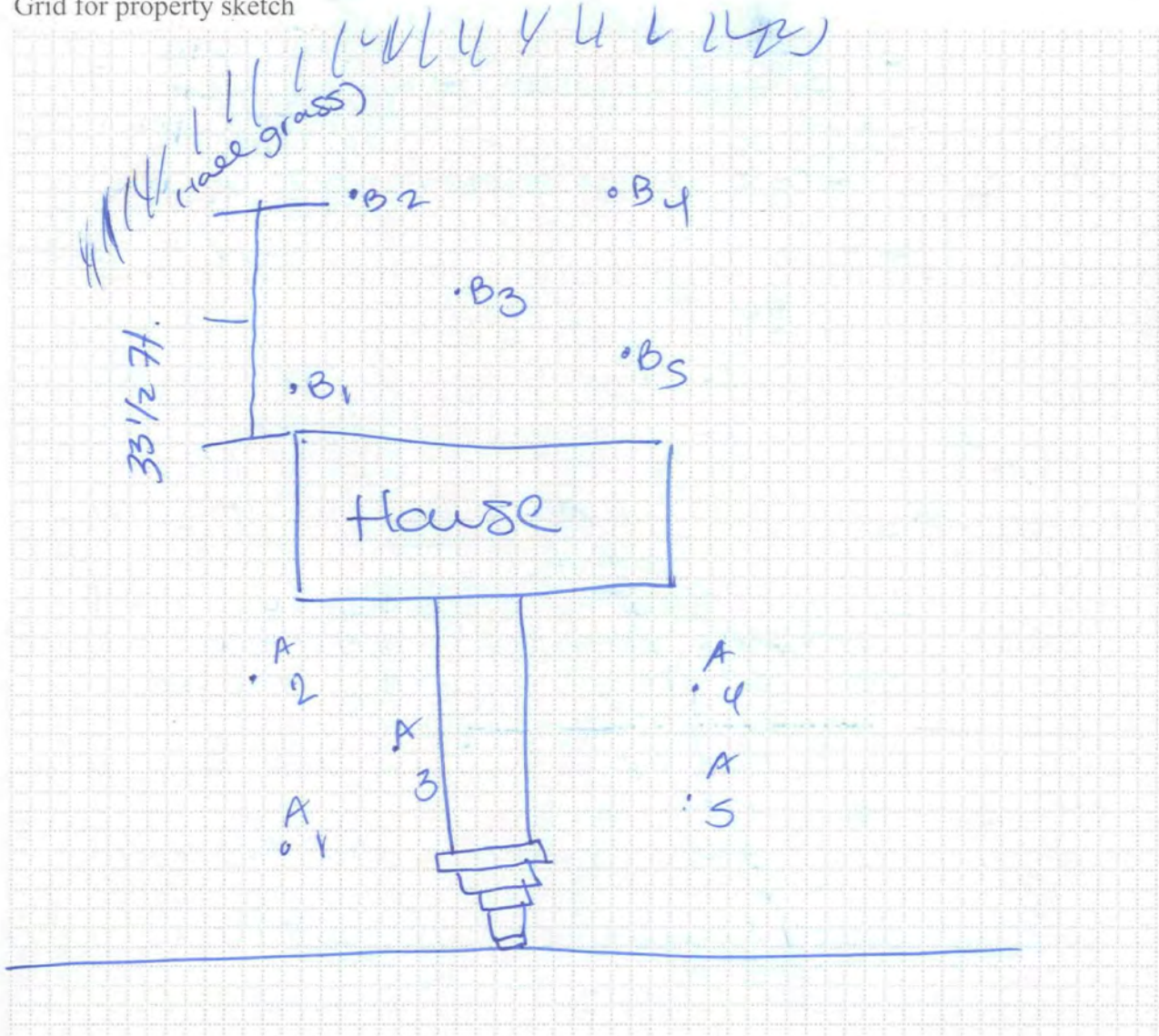
PROPERTY COMMENTS:

Resident Home

w/ (b) (6)

legal attorney

Grid for property sketch





STATION ID: FM0230ASAMPLE ID: FM0230A-CS-SPSAMPLE COLLECTION TIME: 1542Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0230A

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>020168</u>	Logged?	<u>Y</u>	or N
Aliquot #1:	Latitude:	<u>33.57109949</u>	N Longitude	<u>86.80416142</u>	W	
Media description: <u>Drk brwn/reddish clay w/ gravel</u>						
Aliquot #2:	Latitude:	<u>33.57105739</u>	N Longitude	<u>86.80415361</u>	W	
Media description: <u>Drk brwn/reddish clay w/ gravel</u>						
Aliquot #3:	Latitude:	<u>33.57106777</u>	N Longitude	<u>86.80419273</u>	W	
Media description: <u>Drk brwn/reddish clay w/ gravel</u>						
Aliquot #4:	Latitude:	<u>33.57105155</u>	N Longitude	<u>86.80423325</u>	W	
Media description: <u>Drk brwn/reddish clay w/ gravel</u>						
Aliquot #5:	Latitude:	<u>33.57110114</u>	N Longitude	<u>86.80423347</u>	W	
Media description: <u>Drk brwn/reddish clay w/ gravel</u>						

STATION ID: FM0230BSAMPLE ID: FM0230B-CS-SPSAMPLE COLLECTION TIME: 1538Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0230B

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>020168</u>	Logged?	<u>Y</u>	or N
Aliquot #1:	Latitude:	<u>33.57684660</u>	N Longitude	<u>86.80414940</u>	W	
Media description: <u>Drk brwn silty clay w/ gravel</u>						
Aliquot #2:	Latitude:	<u>33.57079082</u>	N Longitude	<u>86.80414882</u>	W	
Media description: <u>orange red clay dry</u>						
Aliquot #3:	Latitude:	<u>33.57082837</u>	N Longitude	<u>86.80418276</u>	W	
Media description: <u>Drk brwn silty clay w/ gravel</u>						
Aliquot #4:	Latitude:	<u>33.57079439</u>	N Longitude	<u>86.80421993</u>	W	
Media description: <u>Drk brwn silty clay w/ gravel</u>						
Aliquot #5:	Latitude:	<u>33.57086018</u>	N Longitude	<u>86.80422800</u>	W	
Media description: <u>Drk brwn silty clay w/ gravel</u>						



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: \_\_\_\_\_

36  
FMO188  
BB 1/8/13

DATE: 1/8/13

ARRIVAL TIME: 0847

Other pertinent information (weather conditions, etc.):

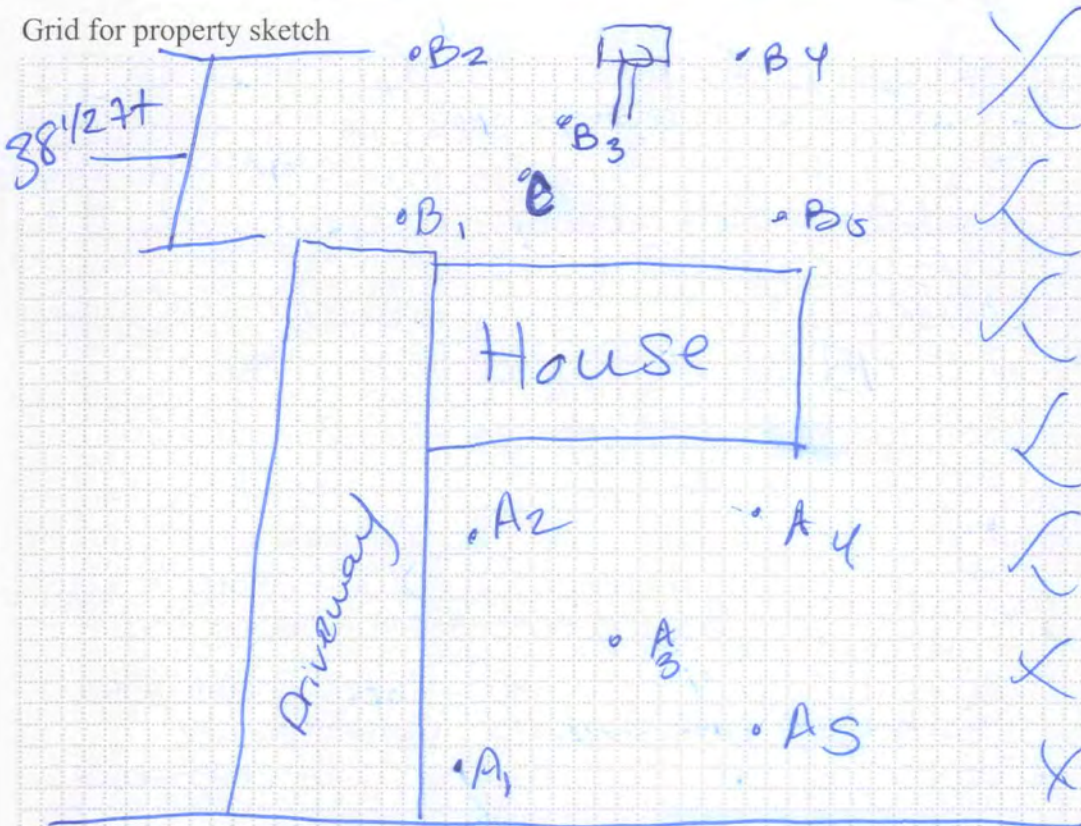
47°F, partly cloudy

PROPERTY COMMENTS:

Resident Home

w/ legal attorney (b) (6)

Grid for property sketch





STATION ID: FM0136ASAMPLE ID: FM0136A-CS-SPSAMPLE COLLECTION TIME: 0938Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0136AGPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or NAliquot #1: Latitude: 33.56636466 N Longitude 86.80978279 WMedia description: DK brwn fine sand dryAliquot #2 Latitude: 33.56631881 N Longitude 86.80977678 WMedia description: DK brwn fine sand dryAliquot #3: Latitude: 33.56635539 N Longitude 86.80982150 WMedia description: DK brwn fine sand dryAliquot #4: Latitude: 33.56631185 N Longitude 86.80982659 WMedia description: DK brwn fine sand dryAliquot #5: Latitude: 33.56636180 N Longitude 86.80984913 WMedia description: DK brwn blk sandy clay drySTATION ID: FM0136BSAMPLE ID: FM0136B-CS-SPSAMPLE COLLECTION TIME: 0935Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0136BGPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or NAliquot #1: Latitude: 33.56614508 N Longitude 86.80967722 WMedia description: Bwn to tan med to fine sand dryAliquot #2 Latitude: 33.56607166 N Longitude 86.80964633 WMedia description: Bwn to tan med to fine sand dryAliquot #3: Latitude: 33.56609211 N Longitude 86.80968621 WMedia description: Bwn to tan med to fine sand dryAliquot #4: Latitude: 33.56603634 N Longitude 86.80971937 WMedia description: Bwn to tan med to fine sand dryAliquot #5: Latitude: 33.56612479 N Longitude 86.80973260 WMedia description: Bwn to tan med to fine sand dry

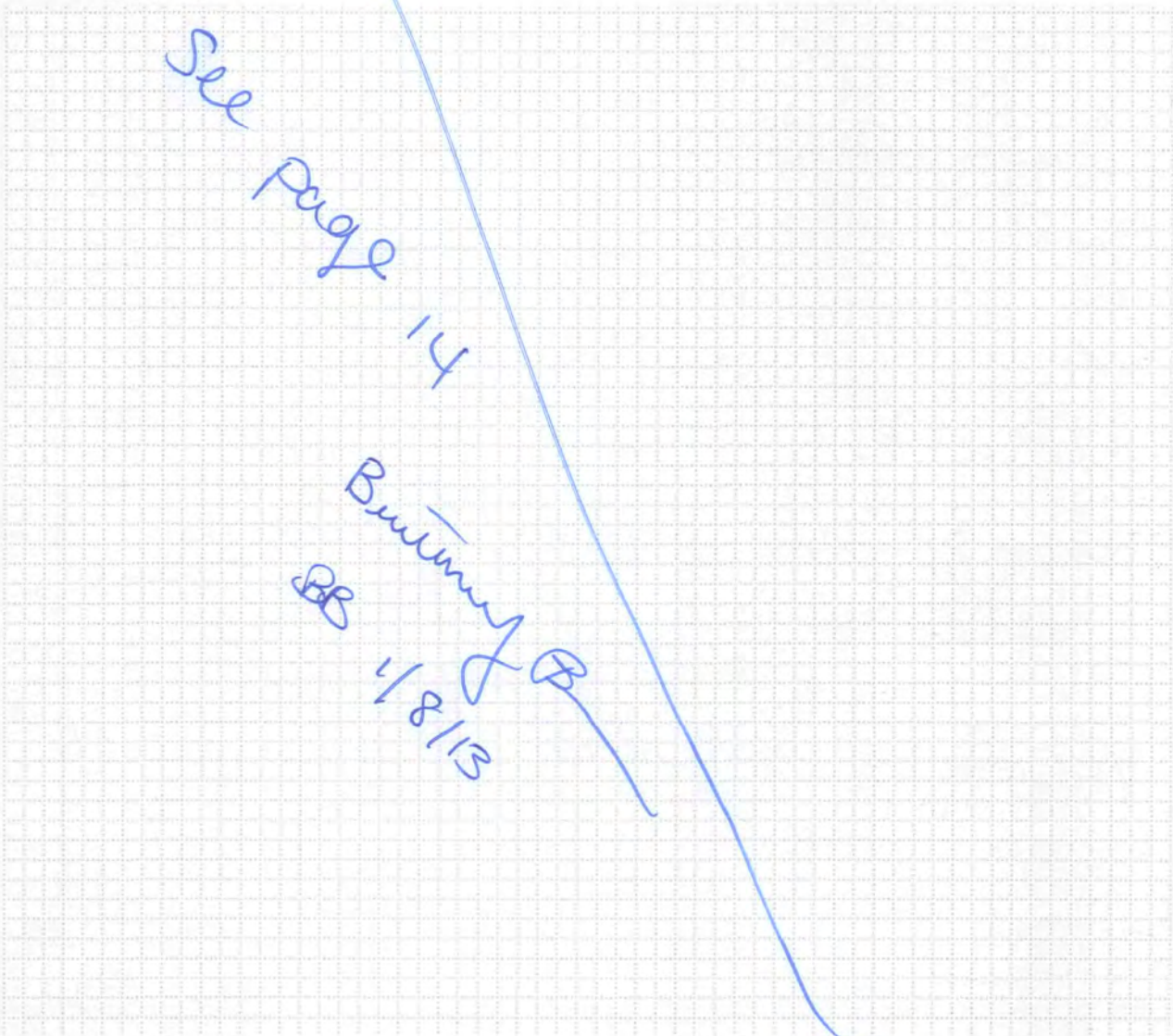
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch





STATION ID: FM0136C SAMPLE ID: FM0136C-65-SP

SAMPLE COLLECTION TIME: 0940

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N  
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0136C-

GPS Coordinates: Trimble [ 1 ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56612100 N Longitude: 86.8098594 W

Media description: thin layer of silt followed by Brown to tan med to fine Sand dry top layer thin

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_



(b) (6)

ADDRESS

PROPERTY ID:

CV0285

DATE:

1/8/13

ARRIVAL TIME:

1011

Other pertinent information (weather conditions, etc.):

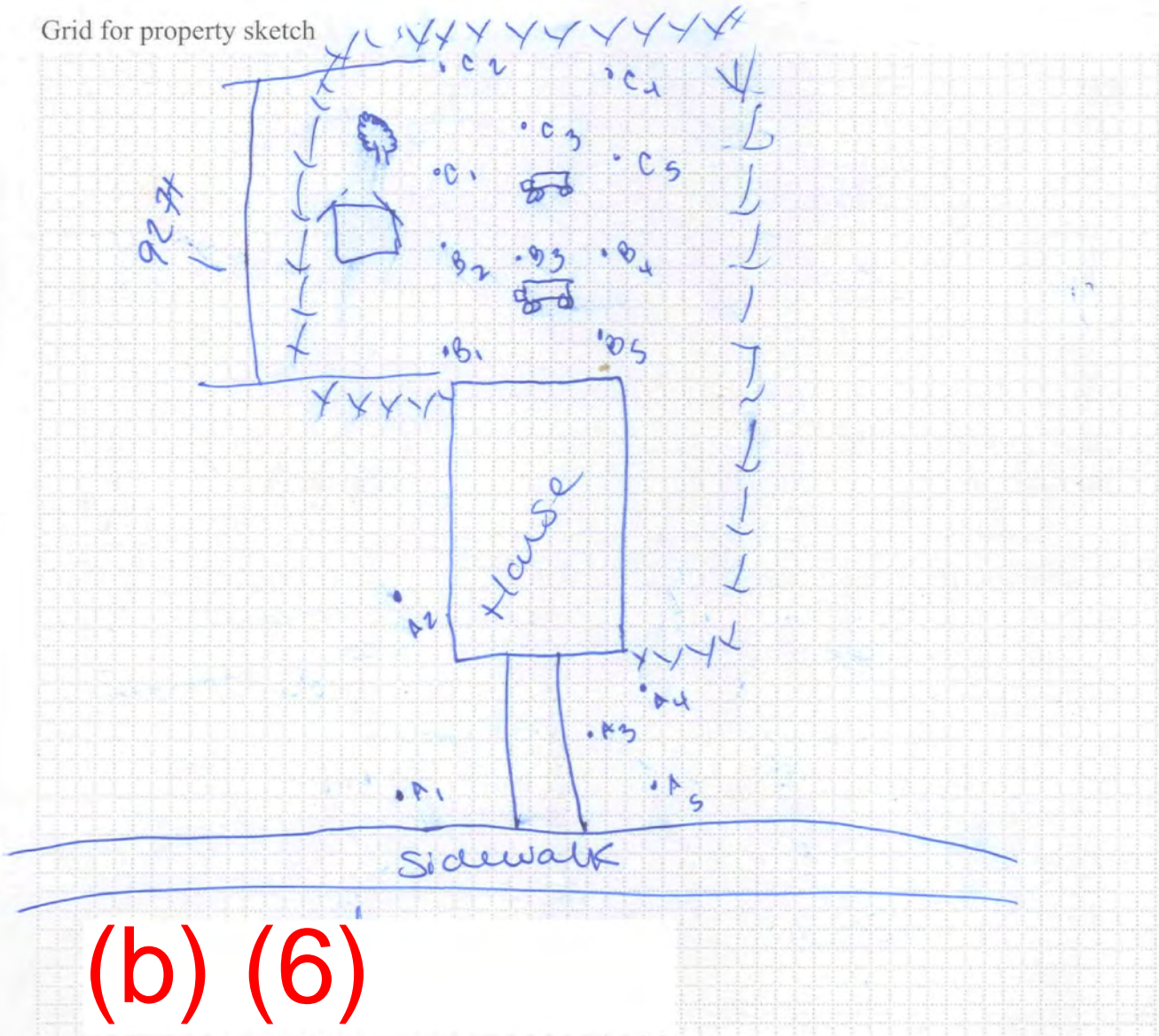
47°F Partly Cloudy

PROPERTY COMMENTS:

Resident home  
w/ legal attorney

(b) (6)

Grid for property sketch





STATION ID: CV02SSA SAMPLE ID: CV02SSA-CS-SP

SAMPLE COLLECTION TIME: 1040

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV02SSA

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55617905 N Longitude 86.80287077 W

Media description: PK brwn to blk silty clay w/ coal fragments moist

Aliquot #2 Latitude: 33.55616647 N Longitude 86.80294605 W

Media description: DK brwn silty clay moist

Aliquot #3: Latitude: 33.55620479 N Longitude 86.80287722 W

Media description: DK brwn silty clay moist

Aliquot #4: Latitude: 33.55624773 N Longitude 86.80289129 W

Media description: PK brwn silty clay moist

Aliquot #5: Latitude: 33.55624823 N Longitude 86.80285564 W

Media description: DK Brwn silty clay moist

STATION ID: CV02SSB SAMPLE ID: CV02SSB-CS-SP

SAMPLE COLLECTION TIME: 1028

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV02SSB

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55615751 N Longitude 86.80312242 W

Media description: DK brwn silty clay moist

Aliquot #2 Latitude: 33.55616047 N Longitude 86.80330086 W

Media description: DK brwn silty clay moist

Aliquot #3: Latitude: 33.55621832 N Longitude 86.80320773 W

Media description: DK brwn silty clay moist

Aliquot #4: Latitude: 33.55625002 N Longitude 86.80327656 W

Media description: DK brwn silty clay moist

Aliquot #5: Latitude: 33.55624860 N Longitude 86.80312965 W

Media description: DK brwn silty clay moist



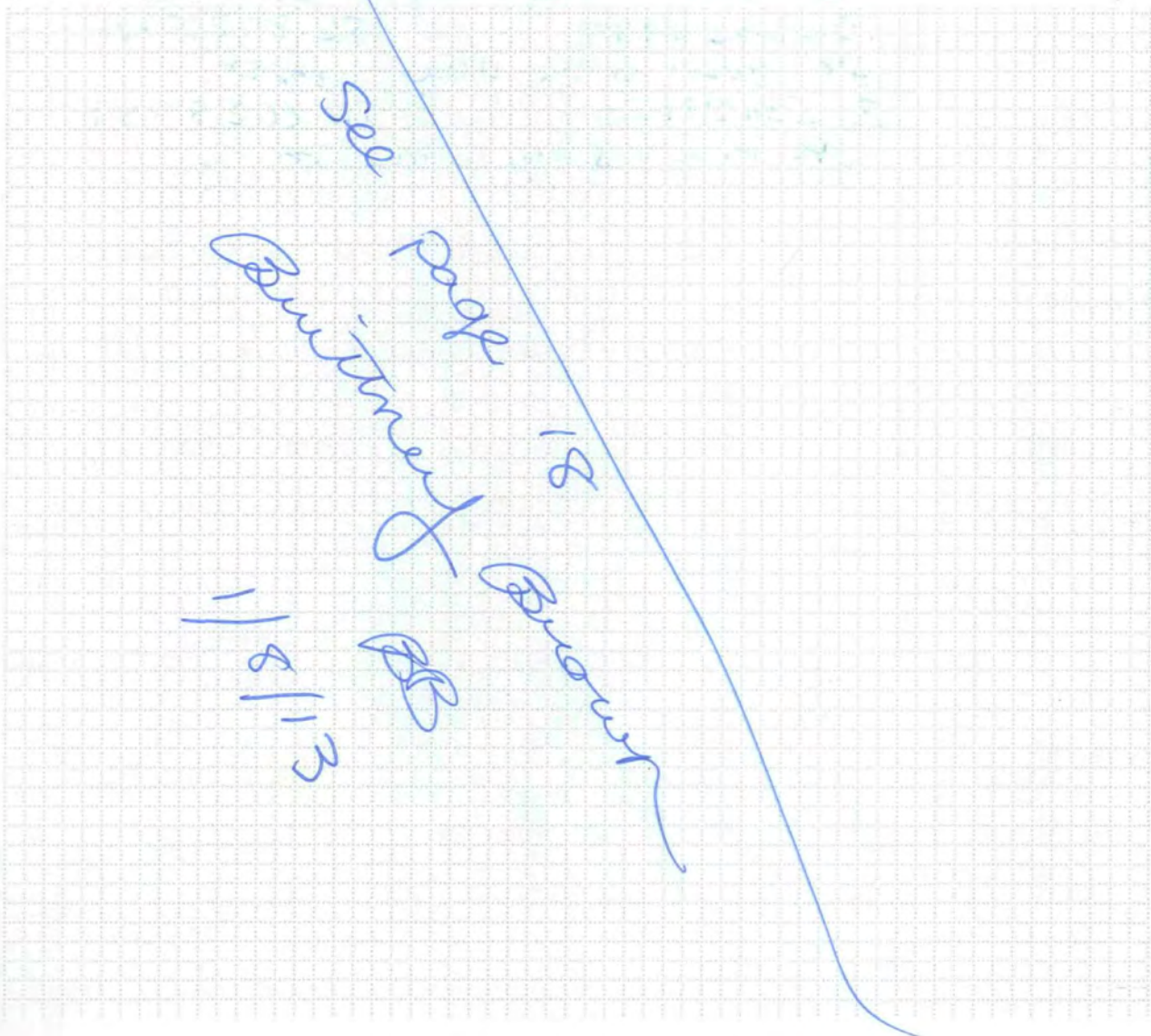
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch





STATION ID: CV02SSC SAMPLE ID: CV02SSC-CS-SP

SAMPLE COLLECTION TIME: 1032

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV02SSC

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N  
Aliquot #1: Latitude: 33.55616574 N Longitude: 86.80339250 W  
Media description: DK brown silty clay moist  
Aliquot #2: Latitude: 33.55617007 N Longitude: 86.80354444 W  
Media description: DK brown silty clay moist  
Aliquot #3: Latitude: 33.55622674 N Longitude: 86.80346692 W  
Media description: DK brown silty clay moist  
Aliquot #4: Latitude: 33.55629801 N Longitude: 86.80353214 W  
Media description: DK brown silty clay moist  
Aliquot #5: Latitude: 33.55625176 N Longitude: 86.80338143 W  
Media description: DK brown silty clay moist

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N  
Aliquot #1: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W  
Media description: \_\_\_\_\_  
Aliquot #2: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W  
Media description: \_\_\_\_\_  
Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W  
Media description: \_\_\_\_\_  
Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W  
Media description: \_\_\_\_\_  
Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W  
Media description: \_\_\_\_\_

(b) (6)

ADDRESS:

PROPERTY ID:

CV0049

DATE:

1/8/12

ARRIVAL TIME:

1248

Other pertinent information (weather conditions, etc.):

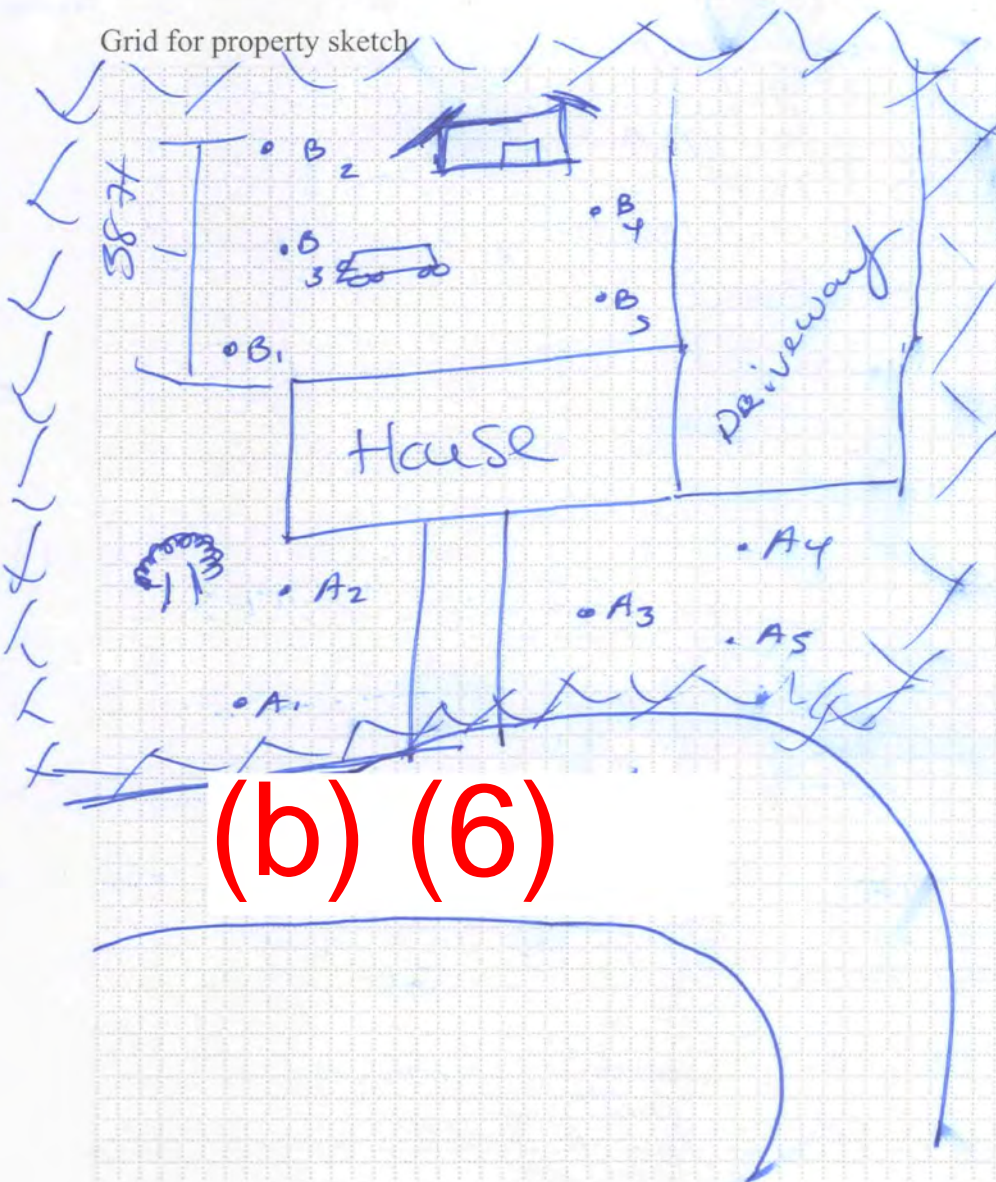
55°F, Mostly Cloudy

PROPERTY COMMENTS:

Resident Home

w/ legal attorney (b) (6)

Grid for property sketch





STATION ID: CV0049A SAMPLE ID: CV0049A-CS-SP

SAMPLE COLLECTION TIME: 1303

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0049A

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N 86.80608946

Aliquot #1: Latitude: 33.55617905 N Longitude 86.80287077 W  
33.56010048

Media description: tan orange brittle clay w/ gravel dry

Aliquot #2: Latitude: 33.55616647 N Longitude 86.80294605 W 86.80608946

33.56010048  
Media description: tan orange brittle clay w/ gravel dry

Aliquot #3: Latitude: 33.55620479 N Longitude 86.80287722 W 86.80605421

33.56012294  
Media description: tan orange brittle clay w/ gravel dry

Aliquot #4: Latitude: 33.55624773 N Longitude 86.80289129 W 86.80604785

33.56016125  
Media description: tan orange brittle clay w/ gravel dry

Aliquot #5: Latitude: 33.55624823 N Longitude 86.80285564 W 86.80602059

33.56013186  
Media description: tan orange brittle clay w/ gravel dry

STATION ID: CV0049B SAMPLE ID: CV0049B-CS-SP

SAMPLE COLLECTION TIME: 1238

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0049B

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N 86.80620693

Aliquot #1: Latitude: 33.55615751 N Longitude 86.80312242 W 86.80620693

33.56027243  
Media description: Black sandy silt dry

Aliquot #2: Latitude: 33.56022667 N Longitude 86.80635407 W

Media description: Black sandy silt dry

Aliquot #3: Latitude: 33.55621832 N Longitude 86.80320773 W 86.80629498

33.56020390  
Media description: Black sandy silt dry w/ coal fragments

Aliquot #4: Latitude: 33.56027583 N Longitude 86.80628110 W

Media description: Black sandy silt dry

Aliquot #5: Latitude: 33.55624860 N Longitude 86.80312965 W 86.80620693

33.56027243  
Media description: Black sandy silt dry



ADDRESS: (b) (6)

DATE: 1/8/12

PROPERTY ID: CV0867

ARRIVAL TIME: 1325

Other pertinent information (weather conditions, etc.):

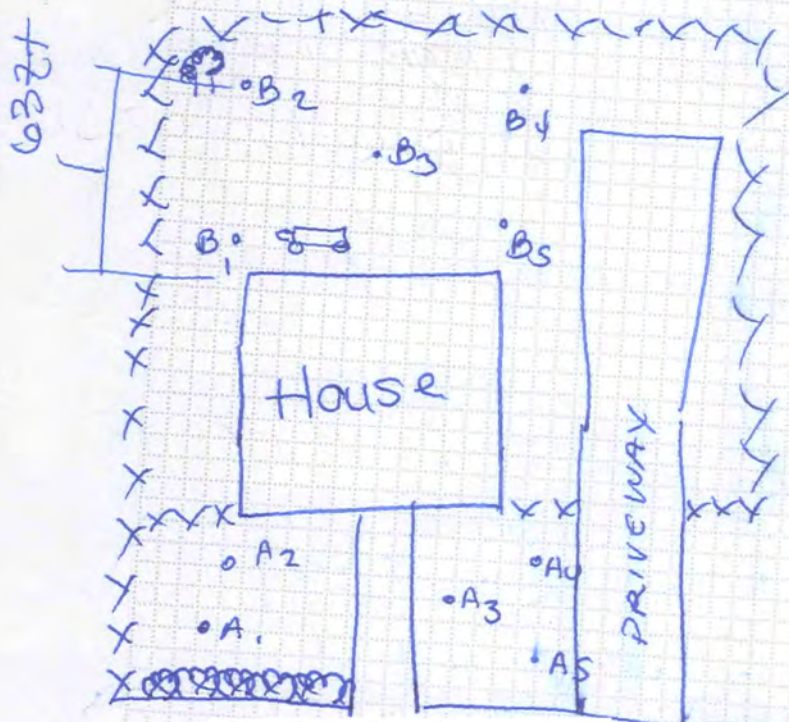
55°F, Sunny

PROPERTY COMMENTS:

Resident Home

w/ legal attorney (b) (6)

Grid for property sketch



(b) (6)



STATION ID: CV0567A SAMPLE ID: CV0567A-CS-SP

SAMPLE COLLECTION TIME: 1351

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

CV0567A

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55797743 N Longitude 86.79846452 W

Media description: DK brwn clay moist to wet w/ minor coal fragments

Aliquot #2 Latitude: 33.55797561 N Longitude 86.79851261 W

Media description: DK brwn clay moist to wet w/ minor coal fragments

Aliquot #3: Latitude: 33.55801412 N Longitude 86.79849053 W

Media description: DK brwn clay w/ coal fragments moist

Aliquot #4: Latitude: 33.55803288 N Longitude 86.79850132 W

Media description: DK brwn clay moist

Aliquot #5: Latitude: 33.55803387 N Longitude 86.79846826 W

Media description: DK brwn clay w/ coal fragments moist

STATION ID: CV0567B SAMPLE ID: CV0567B-CS-SP

SAMPLE COLLECTION TIME: 1345

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

CV0567B

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55798722 N Longitude 86.79872198 W

Media description: DK brwn to blk clay w/ gravel moist

Aliquot #2 Latitude: 33.55800125 N Longitude 86.79886480 W

Media description: DK brwn to blk clay moist

Aliquot #3: Latitude: 33.55803044 N Longitude 86.79877940 W

Media description: DK brwn to blk clay w/ gravel moist coal fragments

Aliquot #4: Latitude: 33.55806063 N Longitude 86.79885465 W

Media description: DK brwn to blk clay moist

Aliquot #5: Latitude: 33.55804477 N Longitude 86.79871718 W

Media description: DK brwn to blk clay moist



(b) (6)

CV0407

$$1 \mid 8 \mid 13$$

1430

59°F, Sunny,  
PROPERTY COMMENTS:

## Resident Home

iii

(b) (6)

(b) (6)

(b) (6)



STATION ID: CV0407B SAMPLE ID: CV0407B-CS-SP

SAMPLE COLLECTION TIME: 1445

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0407B

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55818009 N Longitude 86.79917279 W

Media description: DK brwn silty clay w/ some gravel dry terrist

Aliquot #2 Latitude: 33.55818588 N Longitude 86.79908694 W

Media description: DK brwn silty clay

Aliquot #3: Latitude: 33.55814804 N Longitude 86.79911338 W

Media description: DK brwn silty clay

Aliquot #4: Latitude: 33.55811269 N Longitude 86.79907908 W

Media description: DK brwn silty clay

Aliquot #5: Latitude: 33.55811358 N Longitude 86.79915210 W

Media description: DK brwn silty clay

STATION ID: CV0407B A SAMPLE ID: CV0407B-CS-SP

SAMPLE COLLECTION TIME: 1445 1459

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0407B A

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55817157 N Longitude 86.79938063 W

Media description: DK brwn clay moist

Aliquot #2 Latitude: 33.55817212 N Longitude 86.79934738 W

Media description: DK brwn clay moist

Aliquot #3: Latitude: 33.55814001 N Longitude 86.79936840 W

Media description: DK brwn clay moist

Aliquot #4: Latitude: 33.55810436 N Longitude 86.79934721 W

Media description: Brwn clay moist

Aliquot #5: Latitude: 33.55810313 N Longitude 86.79938435 W

Media description: Brwn clay moist

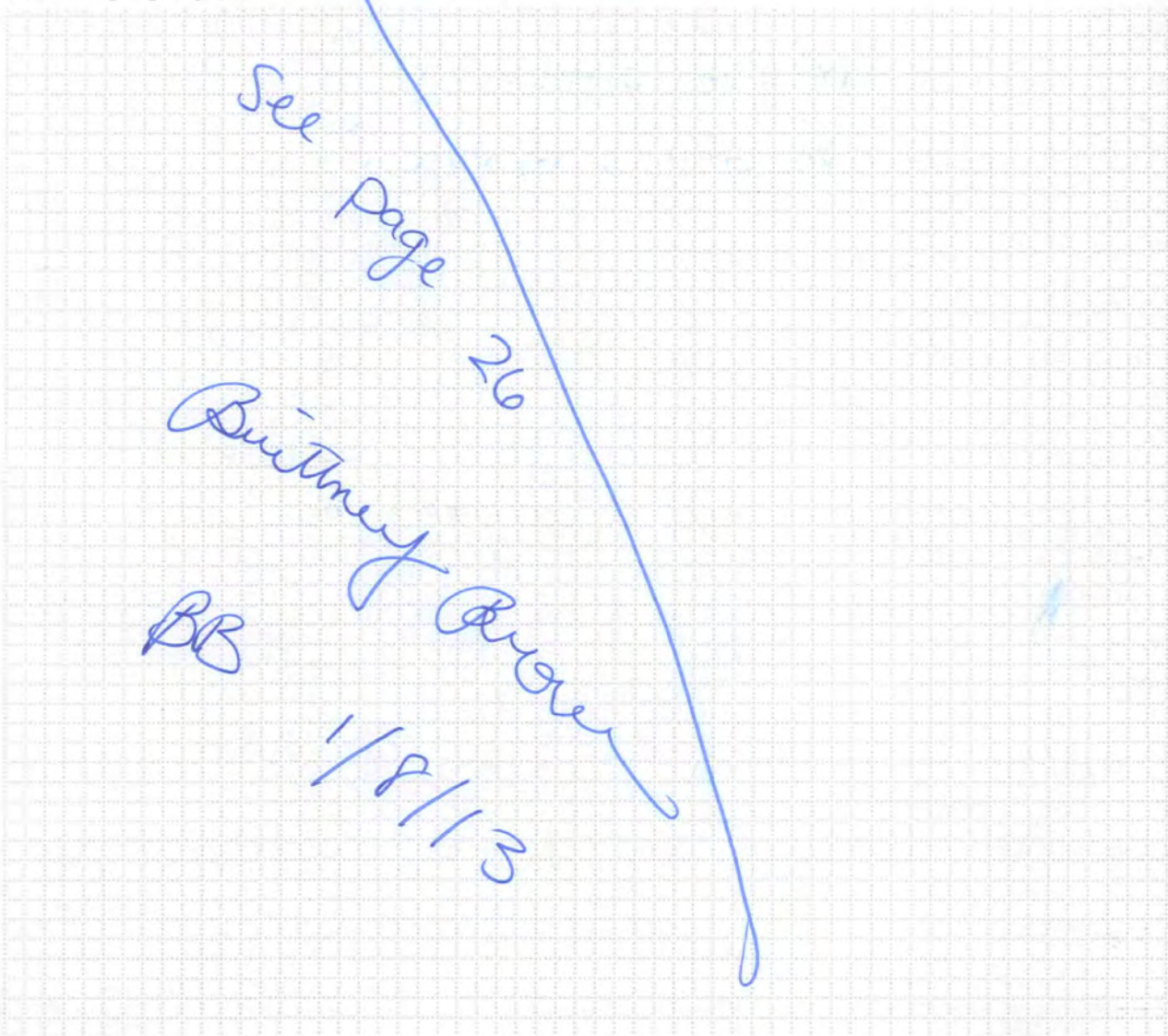
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch





STATION ID: CV0407CSAMPLE ID: CV0407C-ES-SPSAMPLE COLLECTION TIME: 1452Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
back, side yardCollection: Composite or GrabMS/MSD? Y or N NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0407CGPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N NAliquot #1: Latitude: 33.55819218 N Longitude: 86.79904786 WMedia description: DK brwn silty clay dry to moist w/ small gravelAliquot #2 Latitude: 33.55818423 N Longitude: 86.79898154 WMedia description: DK brwn silty clay dry to moistAliquot #3: Latitude: 33.55813723 N Longitude: 86.79900125 WMedia description: DK brwn silty clay dry to moist w/ small gravelAliquot #4: Latitude: 33.55810774 N Longitude: 86.79897624 WMedia description: DK brwn silty clay dry to moistAliquot #5: Latitude: 33.55810117 N Longitude: 86.79903020 WMedia description: DK brwn silty clay dry to moist

STATION ID: \_\_\_\_\_

SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
\_\_\_\_\_Collection: Composite or Grab

MS/MSD? Y or N \_\_\_\_\_

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_GPS Coordinates: Trimble ☐ Instrument #: \_\_\_\_\_ Logged? Y or N \_\_\_\_\_

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

ADDRESS: (b) (6)

PROPERTY ID: CV0136

DATE: 1/8/13

ARRIVAL TIME: 1534

Other pertinent information (weather conditions, etc.):

59°F, Partly Cloudy

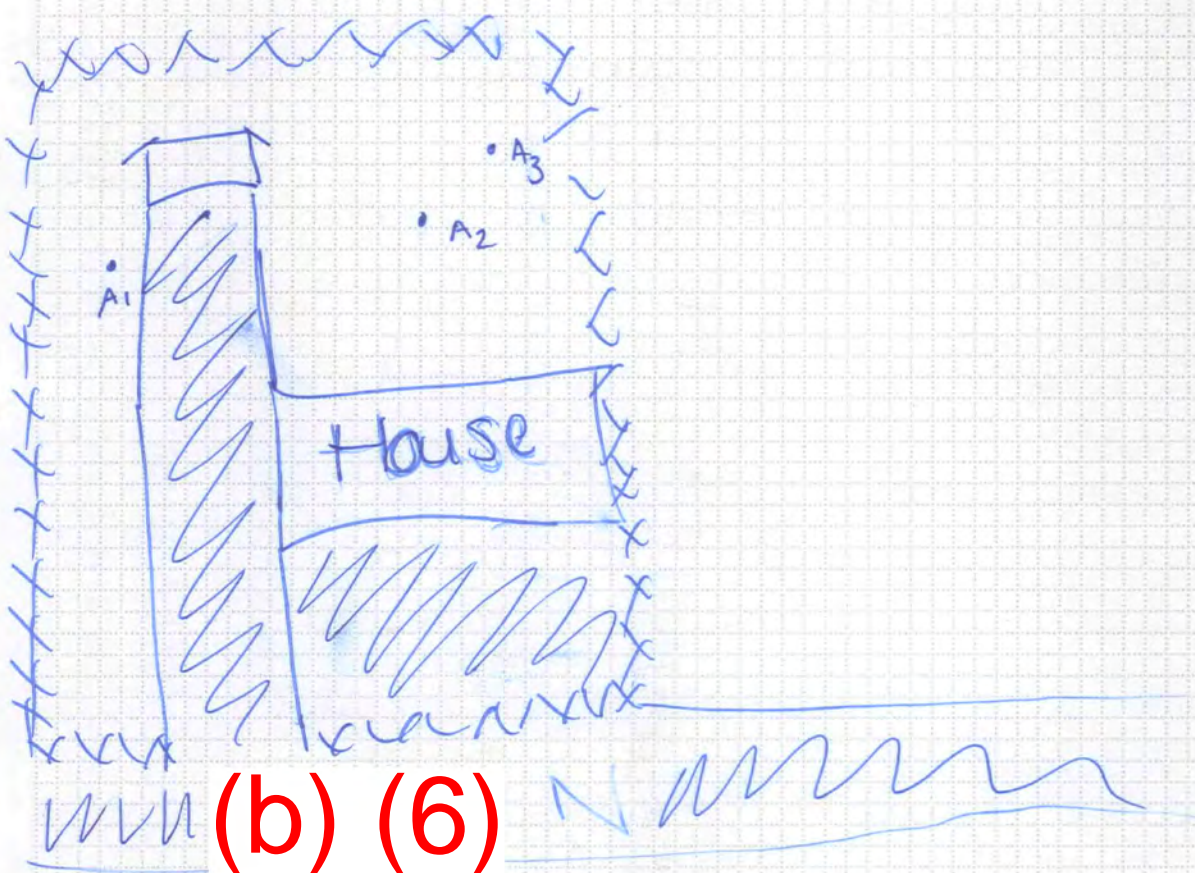
PROPERTY COMMENTS:

Resident Home

w/ (b) (6)

mostly concrete

Grid for property sketch





STATION ID: CVO136ASAMPLE ID: CVO136A-CS-SPSAMPLE COLLECTION TIME: 1545

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CVO136AGPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? ☒ or NAliquot #1: Latitude: 33.55801920 N Longitude: 86.80616232 WMedia description: DK brown to blk silty clayAliquot #2 Latitude: 33.55810324 N Longitude: 86.80619360 WMedia description: 2 inch layer of topsoil (silt followed by concrete)Aliquot #3: Latitude: 33.55811989 N Longitude: 86.80622360 WMedia description: 2 inch layer of topsoil (silt followed by concrete)

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: CVO136B 88118113

SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble ☒ Instrument #: \_\_\_\_\_ Logged? ☒ or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: FM0286

DATE: 1/9/13

ARRIVAL TIME: 0850

Other pertinent information (weather conditions, etc.):

53°F, wind variable at 35, overcast

PROPERTY COMMENTS:

Resident Dornerties

(b) (6)

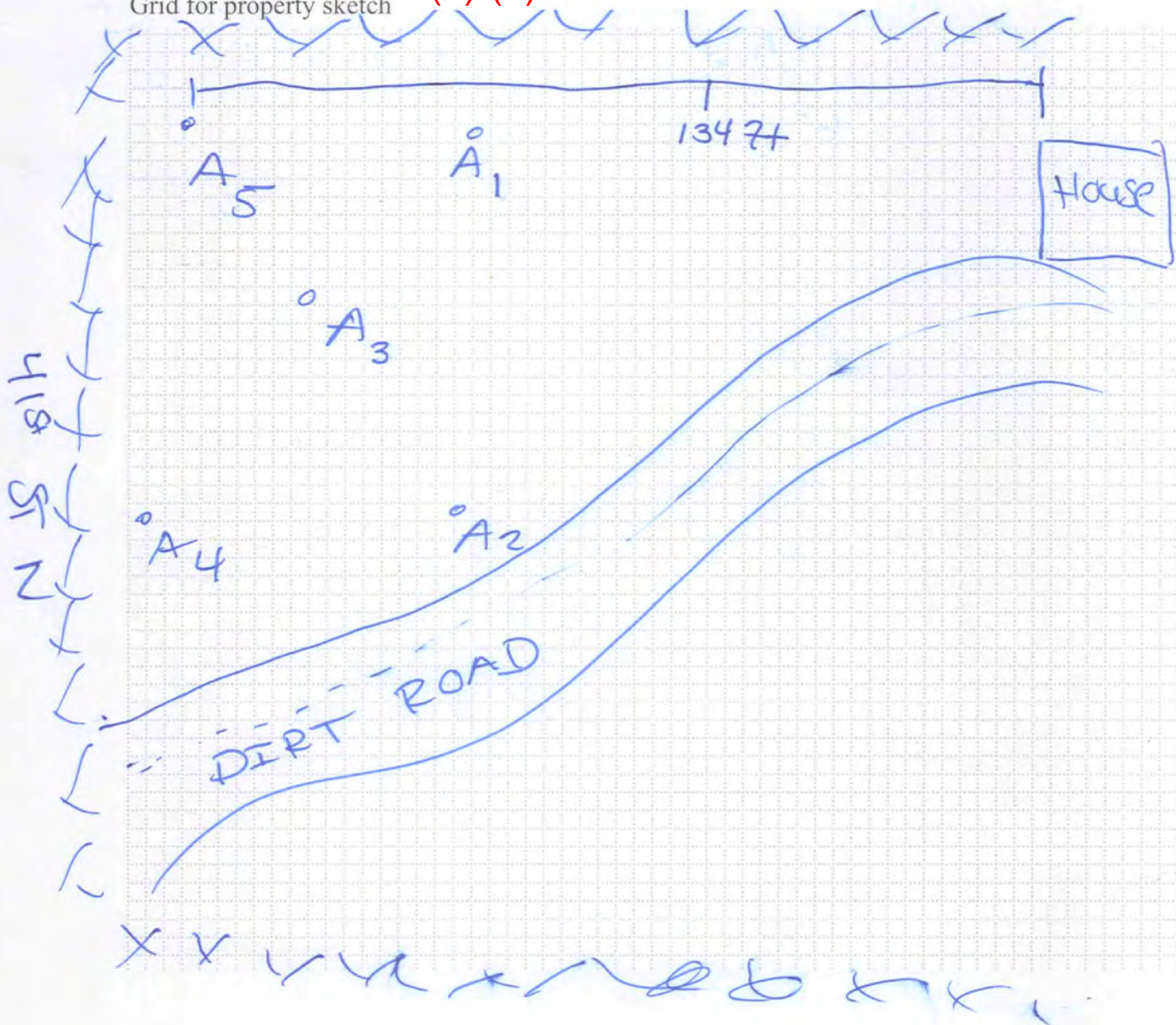
all combined

w/ (b) (6)

legal attorney

Grid for property sketch

(b) (6)





STATION ID: FM0286ASAMPLE ID: FM0286A-CS-SPSAMPLE COLLECTION TIME: 0925Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
side yardCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0286AGPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or NAliquot #1: Latitude: 33.56467769 N Longitude: 86.81249874 WMedia description: Brown to DK brown silty clay moistAliquot #2 Latitude: 33.56469342 N Longitude: 86.81230262 WMedia description: Brown to DK brown silty clay moistAliquot #3: Latitude: 33.56465656 N Longitude: 86.81241181 WMedia description: Brown to DK brown silty clay moist w/ glass + metal fragmentsAliquot #4: Latitude: 33.81230952 N Longitude: 86.81230952 WMedia description: Brown to DK brown silty clay moistAliquot #5: Latitude: 33.56461639 N Longitude: 86.81251380 WMedia description: Brown to DK brown silty clay moist

STATION ID: \_\_\_\_\_

SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
\_\_\_\_\_

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

ADDRESS: (b) (6)

PROPERTY ID: FM0287

DATE: 1/9/12

ARRIVAL TIME: 0850

Other pertinent information (weather conditions, etc.):

53°F, overcast

PROPERTY COMMENTS:

Resident properties

(b) (6)

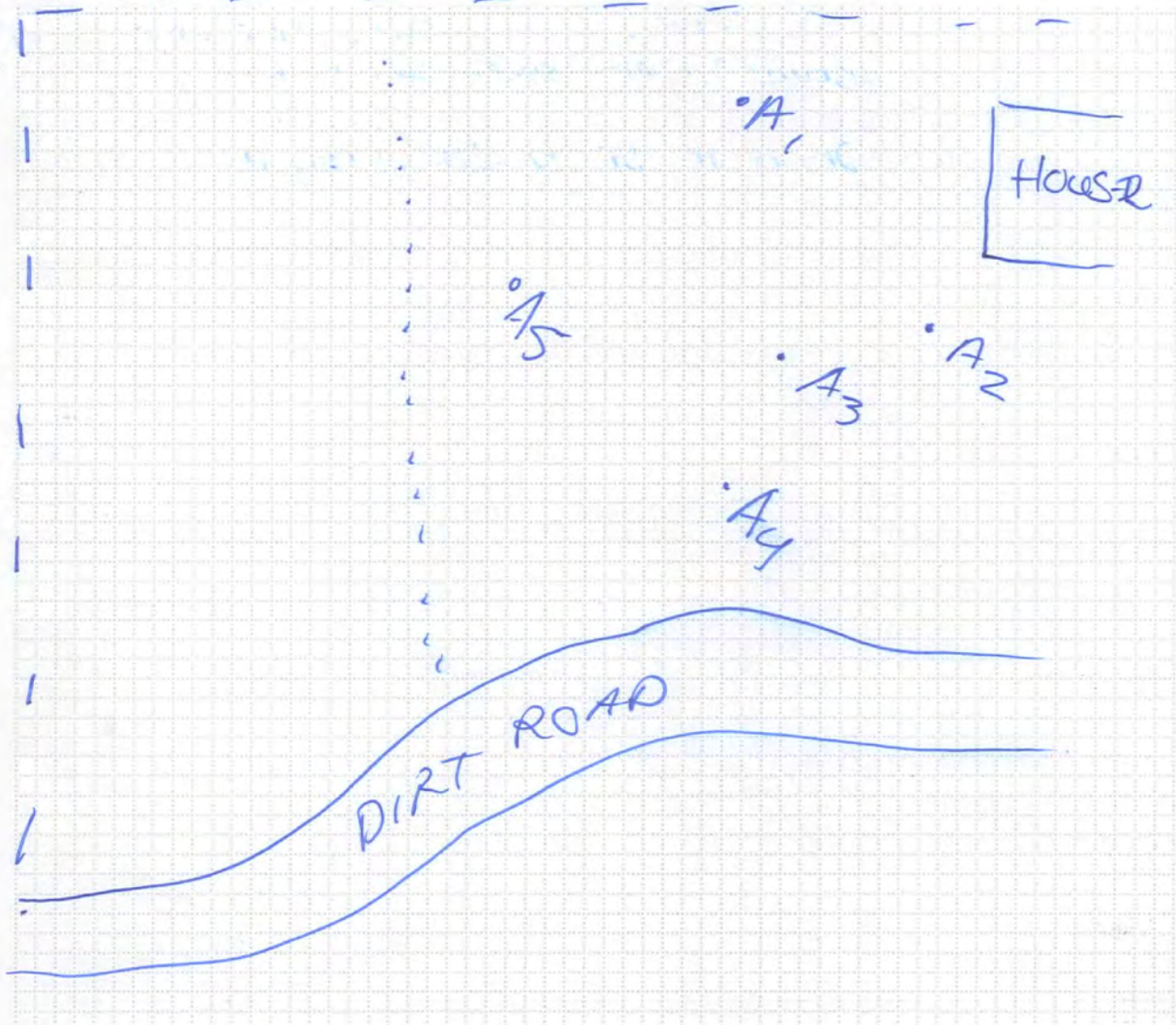
combined

w/ (b) (6)

legal attorney

Grid for property sketch

FAIRMONT WAY N





STATION ID: FM0287A SAMPLE ID: FM0287A-CS-SP

SAMPLE COLLECTION TIME: 0939

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0287A

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56481092 N Longitude 86.81250321 W

Media description: DK brwn silty clay moist

Aliquot #2 Latitude: 33.56487911 N Longitude 86.81241335 W

Media description: Brwn silty clay dry

Aliquot #3: Latitude: 33.56480512 N Longitude 86.81240463 W

Media description: DK brwn silty clay moist

Aliquot #4: Latitude: 33.56480522 N Longitude 86.81229942 W

Media description: orange brwn stiff clay dry

Aliquot #5: Latitude: 33.56475141 N Longitude 86.81240073 W

Media description: DK brwn silty clay moist

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: FM0288

DATE: 1/9/13 ARRIVAL TIME: 0850

Other pertinent information (weather conditions, etc.):

53°F, windy, overcast

PROPERTY COMMENTS:

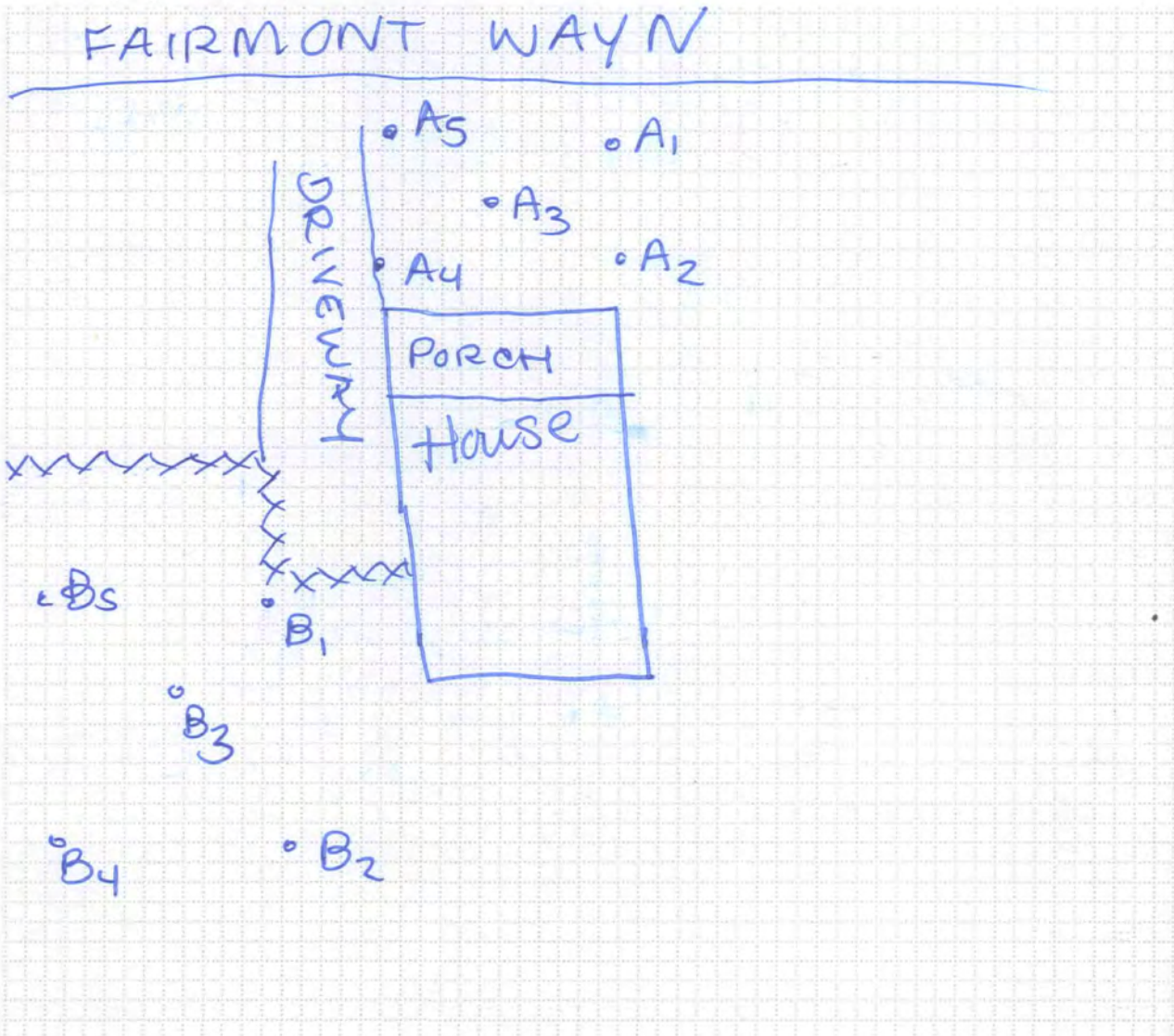
Resident Properties

(b) (6)

Combined

w/ (b) (6)  
legal attorney

Grid for property sketch





STATION ID: FM0288ASAMPLE ID: FM0288A-CS-SPSAMPLE COLLECTION TIME: 0959  
11/12/13

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0288AGPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? ☒ Y or NAliquot #1: Latitude: 33.56511673 N Longitude 86.81258114 WMedia description: tan sand followed by brown silt dryAliquot #2 Latitude: 33.56510841 N Longitude 86.81250784 WMedia description: Brown silty sand w/ gravel dryAliquot #3: Latitude: 33.56508354 N Longitude 86.81254371 WMedia description: DK brown clay silt moistAliquot #4: Latitude: 33.56503706 N Longitude 86.81250670 WMedia description: tan to light brown silty clay dryAliquot #5: Latitude: 33.56503277 N Longitude 86.81256862 WMedia description: DK brown clay silt w/ gravelSTATION ID: FM0288BSAMPLE ID: FM0288B-CS-SPSAMPLE COLLECTION TIME: 0946

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

11/12/13  
SIDE YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0288BGPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? ☒ Y or NAliquot #1: Latitude: 33.56498445 N Longitude 86.81251458 WMedia description: DK brown silty clay moistAliquot #2 Latitude: 33.56498156 N Longitude 86.81229823 WMedia description: DK brown silty clay moistAliquot #3: Latitude: 33.56494741 N Longitude 86.81241337 WMedia description: DK brown silty clay moistAliquot #4: Latitude: 33.56490574 N Longitude 86.81230418 WMedia description: Brown silty clay w/ gravel & minor coal fragmentsAliquot #5: Latitude: 33.56491181 N Longitude 86.81250819 WMedia description: DK brown silty clay moist



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: FM0188

DATE: 1/9/13

ARRIVAL TIME: 1113

Other pertinent information (weather conditions, etc.):

53°F, overcast

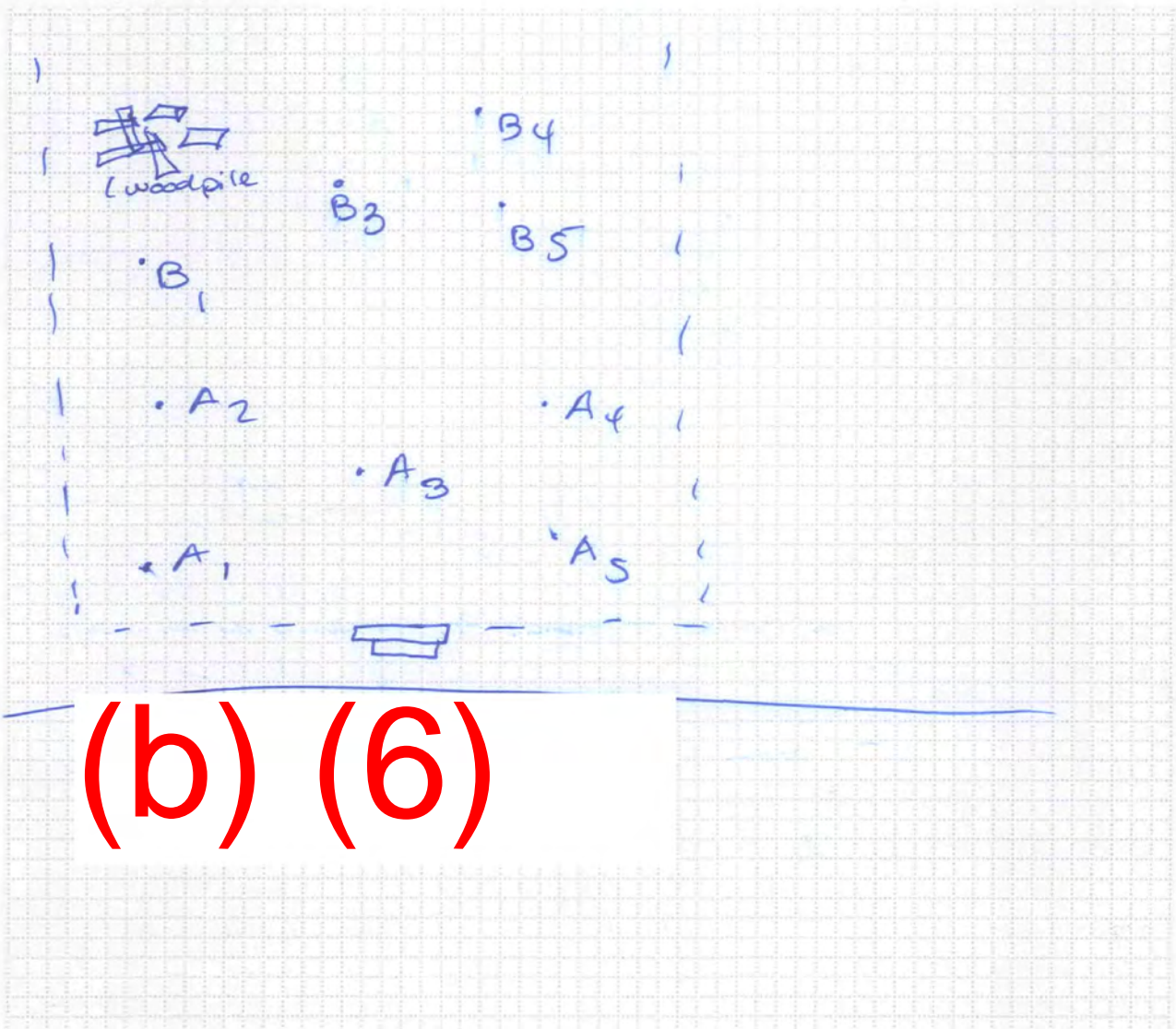
PROPERTY COMMENTS:

vacant lot

w/ (b) (6)

legal attorney

Grid for property sketch





STATION ID: FM0188A SAMPLE ID: FM0188A-CS-SP

SAMPLE COLLECTION TIME: 1131

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0188A

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.57021639 N Longitude 86.80641830 W

Media description: DK brown silty clay moist

Aliquot #2 Latitude: 33.57006383 N Longitude 86.80642939 W

Media description: DK brown clay silt dry

Aliquot #3: Latitude: 33.57015339 N Longitude 86.80646630 W

Media description: DK brown to gray silty clay w/ coal fragments

Aliquot #4: Latitude: 33.57011160 N Longitude 86.80651978 W

Media description: tan to orange clay moist

Aliquot #5: Latitude: 33.57022086 N Longitude 86.80649097 W

Media description: DK brown silty clay moist

STATION ID: FM0188B SAMPLE ID: FM0188B-CS-SP

SAMPLE COLLECTION TIME: 1144

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0188B

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.57001891 N Longitude 86.80643929 W

Media description: thin layer of topsoil (Brown) followed by an orange tan sandy clay dry

Aliquot #2 Latitude: 33.57011160 N Longitude 86.80651978 W

Media description:

Aliquot #3: Latitude: 33.56998836 N Longitude 86.80648963 W

Media description: DK brown silty clay w/ gravel

Aliquot #4: Latitude: 33.56994527 N Longitude 86.80653854 W

Media description: DK brown to blk silty clay moist

Aliquot #5: Latitude: 33.57001647 N Longitude 86.80652075 W

Media description: thin layer of dk brown topsoil w/ brick followed by tan/orange clay dry



(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV0221

DATE: 1/9/13 ARRIVAL TIME: 1327

Other pertinent information (weather conditions, etc.):

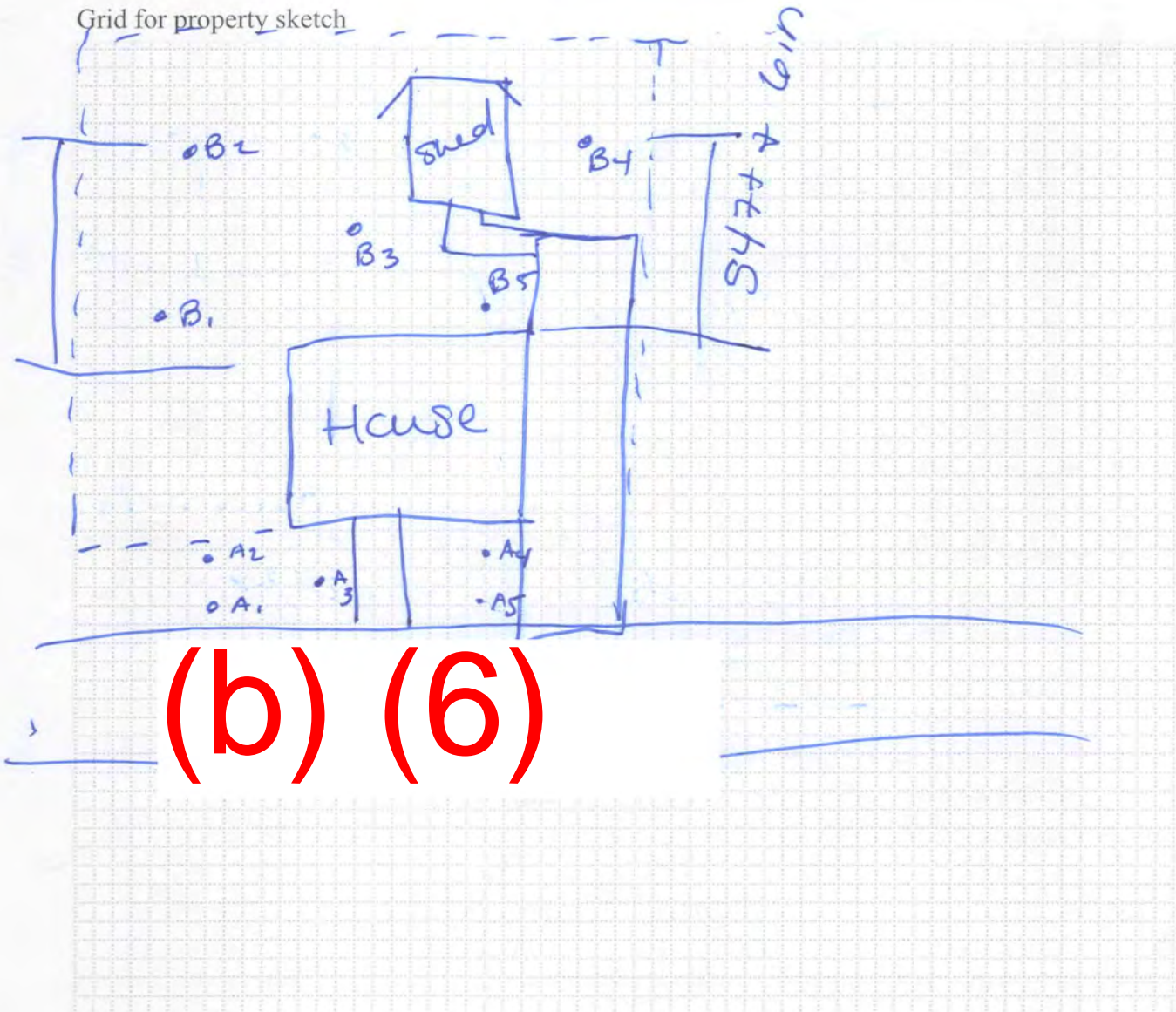
57°F, cloudy, light showers

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal attorney

Grid for property sketch



(b) (6)



STATION ID: CV0221A SAMPLE ID: CV0221A-CS-SP

SAMPLE COLLECTION TIME: 1341

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0221A

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55607101 N Longitude 86.80158856 W

Media description: DK brown silty clay moist

Aliquot #2 Latitude: 33.55606764 N Longitude 86.80153665 W

Media description: DK brown silty clay moist

Aliquot #3: Latitude: 33.55602375 N Longitude 86.80156166 W

Media description: DK brown silty clay moist

Aliquot #4: Latitude: 33.55598907 N Longitude 86.80153906 W

Media description: DK brown silty clay moist

Aliquot #5: Latitude: 33.55599218 N Longitude 86.80158429 W

Media description: DK brown silty clay moist

STATION ID: CV0221B SAMPLE ID: CV0221B-CS-SP

SAMPLE COLLECTION TIME: 1346

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0221B

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55606675 N Longitude 86.80130019 W

Media description: Brown silty clay w/ gravel

Aliquot #2 Latitude: 33.55606307 N Longitude 86.80120839 W

Media description: Brown silty clay

Aliquot #3: Latitude: 33.55604226 N Longitude 86.80125910 W

Media description: Brown silty clay

Aliquot #4: Latitude: 33.55596876 N Longitude 86.80118266 W

Media description: Brown silty clay

Aliquot #5: Latitude: 33.55602570 N Longitude 86.80130899 W

Media description: Brown silty clay

(b) (6)

ADDRESS:

PROPERTY ID:

CV0273

DATE:

1/9/13

ARRIVAL TIME:

1414

Other pertinent information (weather conditions, etc.):

57°F, Cloudy

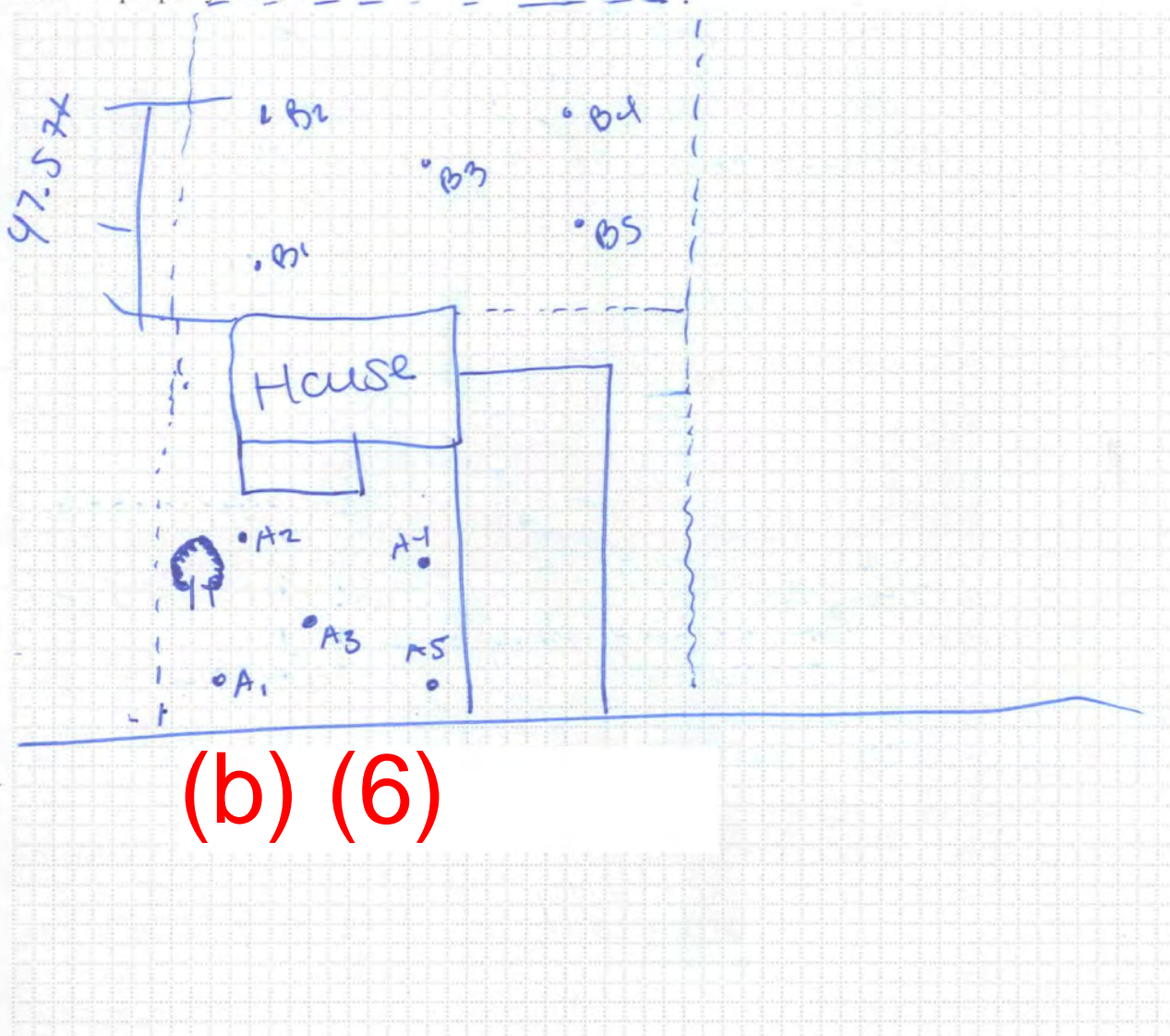
PROPERTY COMMENTS:

Resident Home

w/ (b) (6)

legal attorney

Grid for property sketch



(b) (6)



STATION ID: CV0273A SAMPLE ID: CV0273A-CS-SP

SAMPLE COLLECTION TIME: 1423

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0273A

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55867097 N Longitude: 86.80316394 W

Media description: DK brwn silty clay moist w/ coal fragments

Aliquot #2: Latitude: 33.55867969 N Longitude: 86.80321314 W

Media description: DK brwn silty clay moist

Aliquot #3: Latitude: 33.55869649 N Longitude: 86.80318368 W

Media description: DK brwn silty clay w/ coal fragments

Aliquot #4: Latitude: 33.55869596 N Longitude: 86.80319822 W

Media description: DK brwn silty clay moist

Aliquot #5: Latitude: 33.55872930 N Longitude: 86.80340725 W <sup>BB 1/2/13</sup>

Media description: DK brwn silty clay moist

STATION ID: CV0273B SAMPLE ID: CV0273B-CS-SP

SAMPLE COLLECTION TIME: 1434

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0273B

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55870337 N Longitude: 86.80341230 W

Media description: DK brwn silty clay

Aliquot #2: Latitude: 33.55867643 N Longitude: 86.80353572 W

Media description: DK brwn silty clay

Aliquot #3: Latitude: 33.55871080 N Longitude: 86.80346504 W

Media description: DK brwn silty clay

Aliquot #4: Latitude: 33.55876422 N Longitude: 86.80355048 W

Media description: DK brwn silty clay

Aliquot #5: Latitude: 33.55877930 N Longitude: 86.80340725 W

Media description: DK brwn silty clay



(b) (6)

CV0095

ADDE

DATE: 1/9/13

PROPERTY ID: HP0119

ARRIVAL TIME: 1535

Other pertinent information (weather conditions, etc.):

57°F, Cloudy

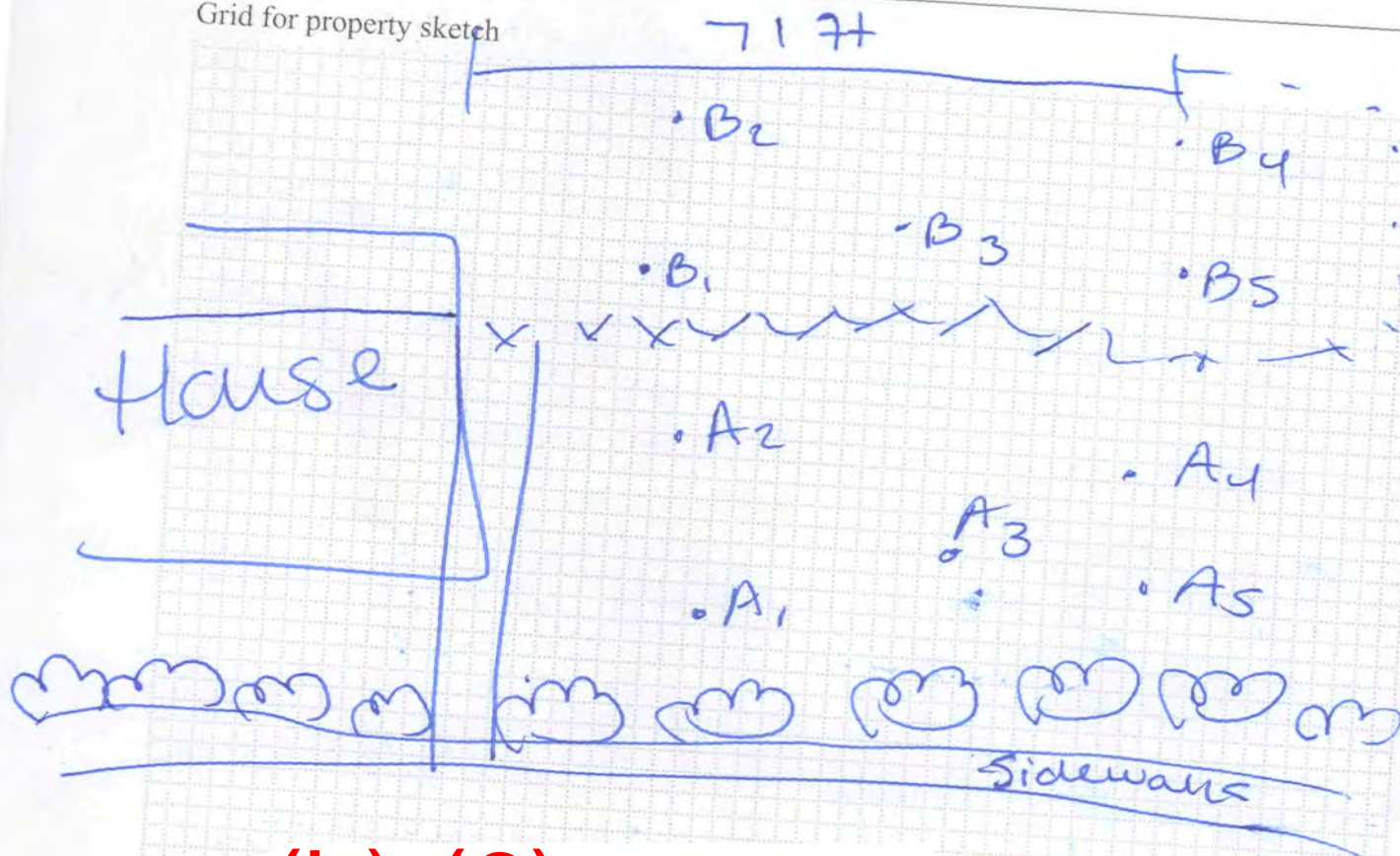
PROPERTY COMMENTS:

Resident Home

w/ (b) (6)

legal attorney

Grid for property sketch



(b) (6)



CV0095A

CV0095A

STATION ID: HPOH9ASAMPLE ID: HPOH9A-CS-SPSAMPLE COLLECTION TIME: 1545Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u>		Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55787157</u>	N Longitude: <u>86.80482181</u>	W
Media description: <u>DK brown clay silt dry</u>		
Aliquot #2: Latitude: <u>33.55786931</u>	N Longitude: <u>86.80474074</u>	W
Media description: <u>DK brown clay silt dry</u>		
Aliquot #3: Latitude: <u>33.55782540</u>	N Longitude: <u>86.80478224</u>	W
Media description: <u>DK brown clay silt dry</u>		
Aliquot #4: Latitude: <u>33.55777421</u>	N Longitude: <u>86.80475273</u>	W
Media description: <u>DK brown clay silt dry</u>		
Aliquot #5: Latitude: <u>33.55777136</u>	N Longitude: <u>86.80484816</u>	W
Media description: <u>DK brown clay silt dry</u>		

STATION ID: CV0098BSAMPLE ID: CV0098BSAMPLE COLLECTION TIME: 1540Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0098B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u>		Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55786592</u>	N Longitude: <u>86.80469114</u>	W
Media description: <u>DK brown clay silt dry w/ coal fragments</u>		
Aliquot #2: Latitude: <u>33.55786683</u>	N Longitude: <u>86.80457585</u>	W
Media description: <u>DK brown clay silt dry w/ coal fragments</u>		
Aliquot #3: Latitude: <u>33.55782105</u>	N Longitude: <u>86.80462780</u>	W
Media description: <u>DK brown clay silt dry w/ coal fragments</u>		
Aliquot #4: Latitude: <u>33.55777619</u>	N Longitude: <u>86.80457821</u>	W
Media description: <u>DK brown clay silt dry w/ coal fragments</u>		
Aliquot #5: Latitude: <u>33.55776187</u>	N Longitude: <u>86.80468797</u>	W
Media description: <u>DK brown clay silt dry w/ coal fragments</u>		



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: \_\_\_\_\_

0V0096

DATE: \_\_\_\_\_

1/9/13

ARRIVAL TIME: \_\_\_\_\_

1535

Other pertinent information (weather conditions, etc.):

57°F cloudy

PROPERTY COMMENTS:

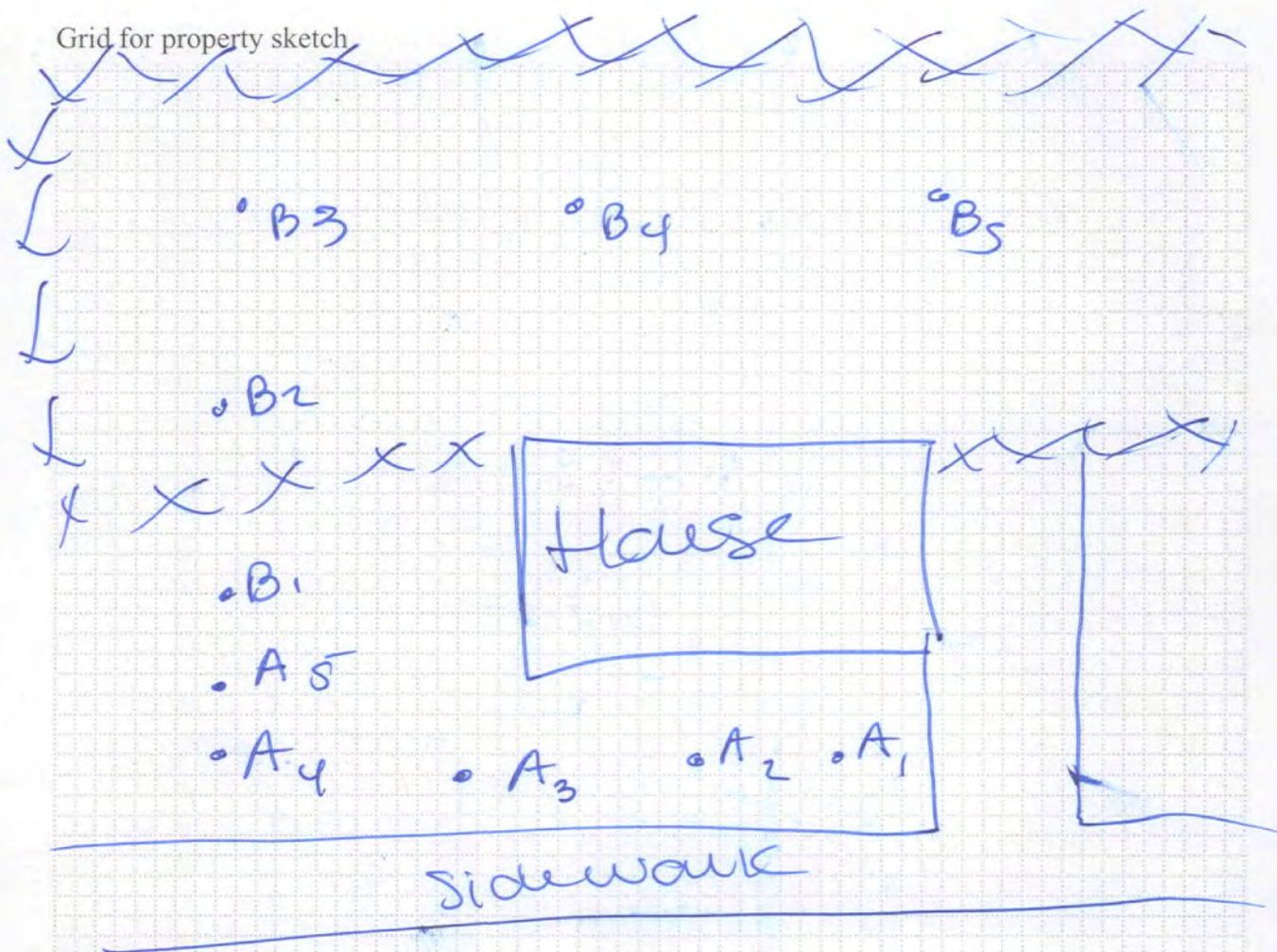
Resident Home

w/ (b) (6)

w/

legal attorney

Grid for property sketch



(b) (6)



STATION ID: CV0096A SAMPLE ID: CV0096A-CS-SP

SAMPLE COLLECTION TIME: 1552

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT / SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0096A

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55797504 N Longitude: 86.80484946 W

Media description: BLK silt w/ gravel + coal fragments

Aliquot #2 Latitude: 33.55804357 N Longitude: 86.80485074 W

Media description: BLK silt w/ gravel + coal fragments

Aliquot #3: Latitude: 33.55809253 N Longitude: 86.80484952 W

Media description: BLK silt w/ gravel + coal fragments

Aliquot #4: Latitude: 33.55812455 N Longitude: 86.80480521 W

Media description: BLK silt w/ gravel + coal fragments

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: ~~BLK silt w/ gravel + coal fragments~~

STATION ID: CV0096B SAMPLE ID: CV0096B-CS-SP

SAMPLE COLLECTION TIME: 1557

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK / SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0096B

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55812593 N Longitude: 86.55812593 W

Media description: DK brun clay silt w/ gravel

Aliquot #2 Latitude: 33.55812975 N Longitude: 86.80468268 W

Media description: DK brun clay silt w/ gravel

Aliquot #3: Latitude: 33.55813058 N Longitude: 86.80459415 W

Media description: Darker brun clay silt

Aliquot #4: Latitude: 33.55806899 N Longitude: 86.80454679 W

Media description: Darker brun clay silt

Aliquot #5: Latitude: 33.55800478 N Longitude: 86.80454668 W

Media description: Darker brun clay silt



ADDRESS: (b) (6) PROPERTY ID: CV0433  
DATE: 1/10/13 ARRIVAL TIME: 0838

Other pertinent information (weather conditions, etc.):

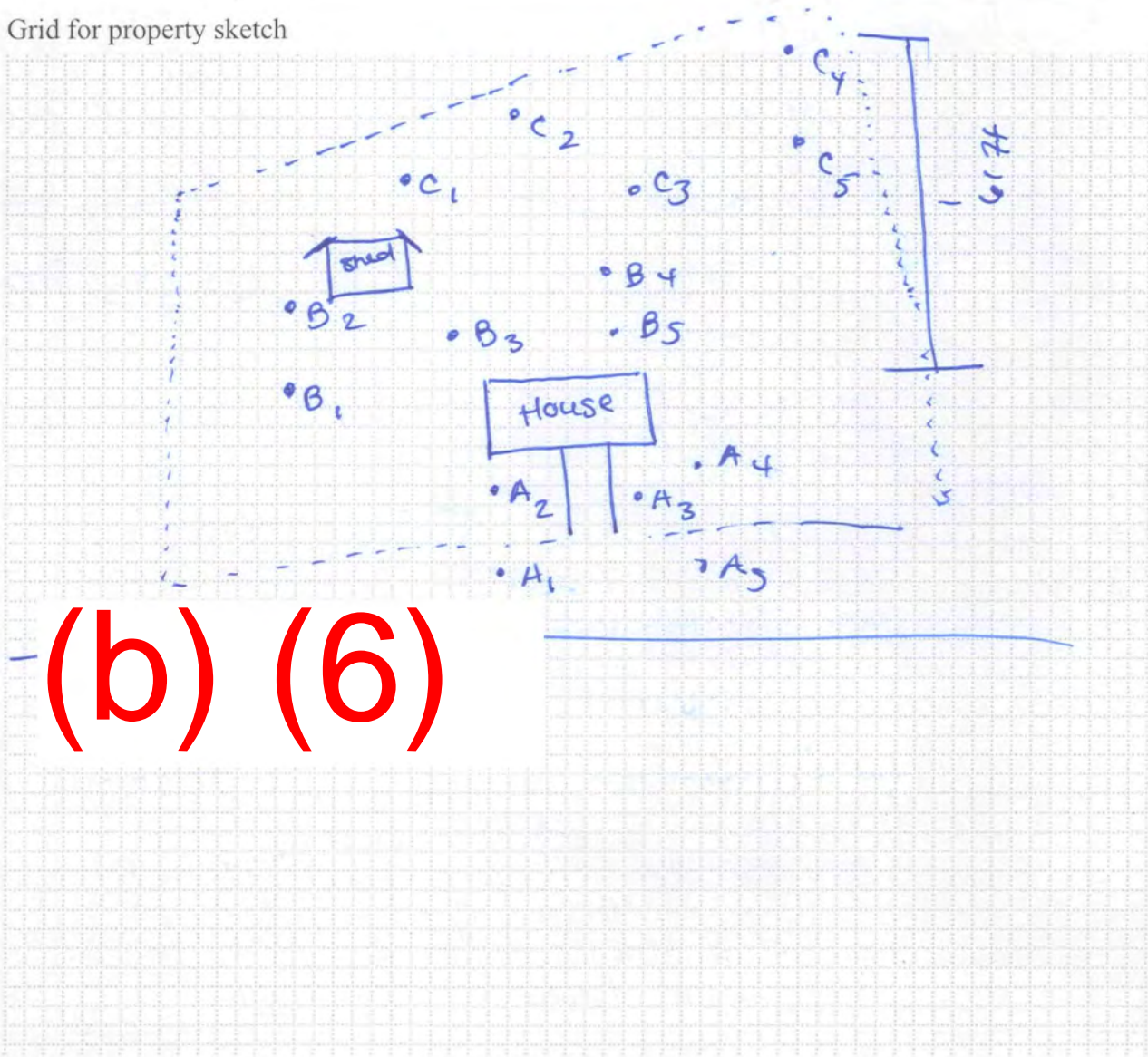
60°F, Fog

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal attorney

Grid for property sketch





STATION ID: CV0433A SAMPLE ID: CV0433A-CS-JP

SAMPLE COLLECTION TIME: 0856

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0433A

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N  
Aliquot #1: Latitude: 33.56028938 N Longitude 86.80104875 W  
Media description: DK brown silt w/ coal fragments  
Aliquot #2 Latitude: 33.56031803 N Longitude 86.80102339 W  
Media description: DK brown silt w/ coal fragments  
Aliquot #3: Latitude: 33.56029848 N Longitude 86.80099098 W  
Media description: DK brown silt w/ coal fragments  
Aliquot #4: Latitude: 33.56027515 N Longitude 86.80096223 W  
Media description: DK brown silt  
Aliquot #5: Latitude: 33.56025154 N Longitude 86.80099480 W  
Media description: DK brown silt

STATION ID: CV0433B SAMPLE ID: CV0433B-CS-JP

SAMPLE COLLECTION TIME: 0901

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0433B

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N  
Aliquot #1: Latitude: 33.56043750 N Longitude 86.80094232 W  
Media description: DK brown clay silt moist  
Aliquot #2 Latitude: 33.56048116 N Longitude 86.80089026 W  
Media description: DK brown clay silt moist  
Aliquot #3: Latitude: 33.56043187 N Longitude 86.80088284 W  
Media description: DK brown clay silt moist  
Aliquot #4: Latitude: 33.56042919 N Longitude 86.80082369 W  
Media description: DK brown clay silt moist  
Aliquot #5: Latitude: 33.56037231 N Longitude 86.80086067 W  
Media description: DK brown clay silt moist

ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See  
page  
78  
Buntney Brown  
7/10/13



STATION ID: CV0433C SAMPLE ID: CV0433-CS-SP

SAMPLE COLLECTION TIME: 0906

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0433C

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56052017 N Longitude: 86.80082461 W

Media description: DK brown silty clay w/ minor coal fragments moist

Aliquot #2: Latitude: 33.56051292 N Longitude: 86.80076556 W

Media description: DK brown silty clay w/ minor coal fragments moist

Aliquot #3: Latitude: 33.56047718 N Longitude: 86.80079294 W

Media description: DK brown silty clay moist

Aliquot #4: Latitude: 33.56050873 N Longitude: 86.80070130 W

Media description: DK brown silty clay moist

Aliquot #5: Latitude: 33.56045880 N Longitude: 86.80075176 W

Media description: DK brown silty clay moist

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude: \_\_\_\_\_ W

Media description: \_\_\_\_\_

ADDRESS: (b) (6) PROPERTY ID: CV0635  
DATE: 1/10/13 ARRIVAL TIME: 0926

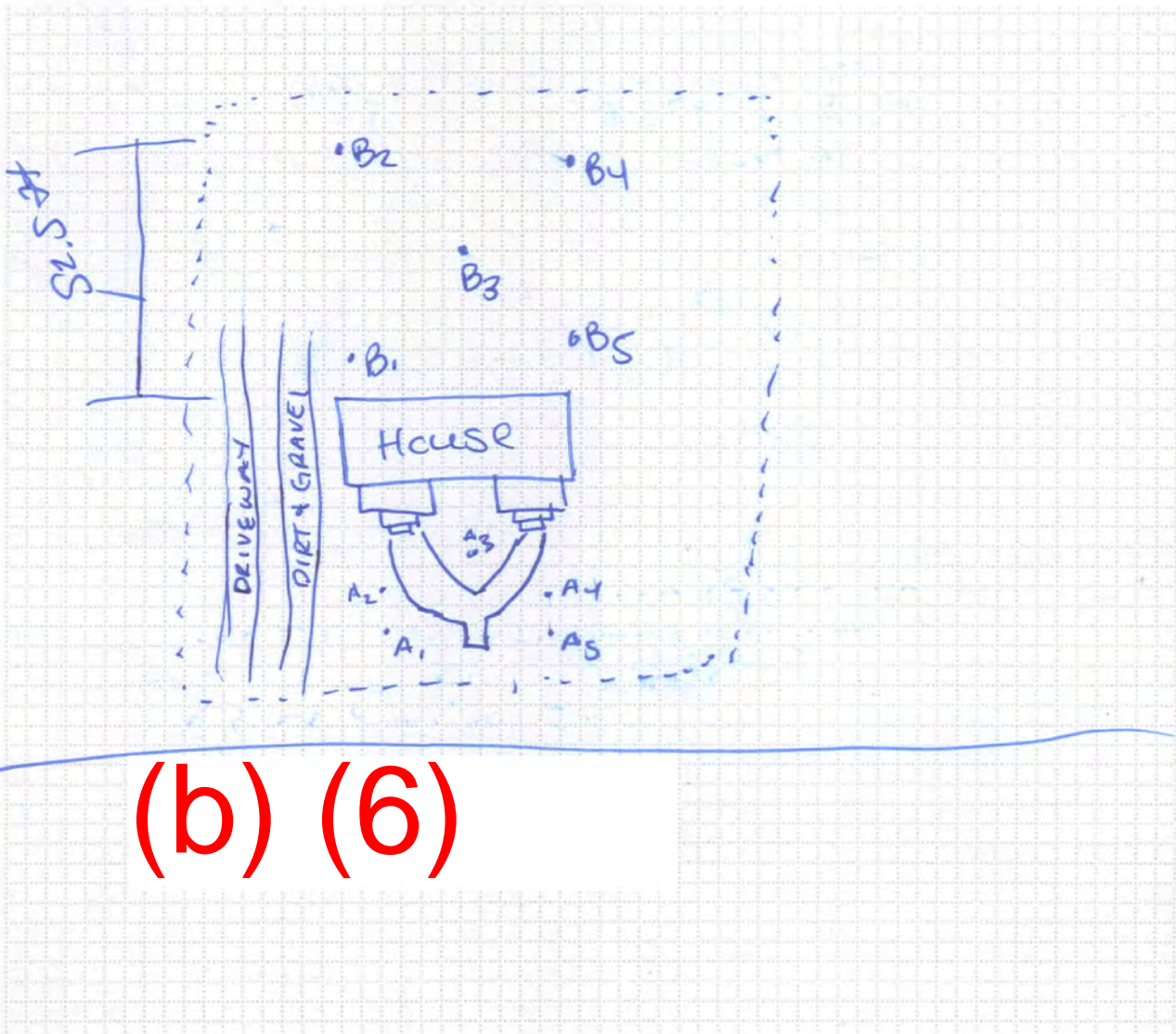
Other pertinent information (weather conditions, etc.):

60°F, Fog

PROPERTY COMMENTS:

Resident Home (Duplex House)  
w/ (b) (6) legal attorney

Grid for property sketch





STATION ID: CV0635A SAMPLE ID: CV0635A-CS-SP

SAMPLE COLLECTION TIME: 0944

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0635A

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55818138 N Longitude: 86.80232240 W

Media description: DK brown silty w/ some clay

Aliquot #2: Latitude: 33.55820161 N Longitude: 86.80234706 W

Media description: Mostly gravel w/ tan to brown clay + coal fragments

Aliquot #3: Latitude: 33.55822414 N Longitude: 86.80230903 W

Media description: thin layer of DK brown silty clay followed by orange clay dry

Aliquot #4: Latitude: 33.55826040 N Longitude: 86.80227643 W

Media description: thin layer of DK brown silty clay followed by orange clay dry

Aliquot #5: Latitude: 33.55823738 N Longitude: 86.80225505 W

Media description: DK brown silty clay moist w/ coal fragments

STATION ID: CV0635B SAMPLE ID: CV0635B-CS-SP

SAMPLE COLLECTION TIME: 0952

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0635B

GPS Coordinates: Trimble ☒ Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: 33.55833707 N Longitude: 86.80250859 W

Media description: 50% coal fragments + broken glass 50% DK brown silt dry

Aliquot #2: Latitude: 33.55840833 N Longitude: 86.80261408 W

Media description: DK brown clay silt w/ minor gravel dry

Aliquot #3: Latitude: 33.55839924 N Longitude: 86.80253420 W

Media description: DK brown silt w/ significant piece size gravel dry

Aliquot #4: Latitude: 33.55845322 N Longitude: 86.80256605 W

Media description: DK brown silt w/ significant piece size gravel dry

Aliquot #5: Latitude: 33.55838232 N Longitude: 86.80247304 W

Media description: DK brown silt w/ significant piece size gravel dry



ADDRESS: (b) (6) PROPERTY ID: HP0119  
DATE: 1/10/13 ARRIVAL TIME: 1015

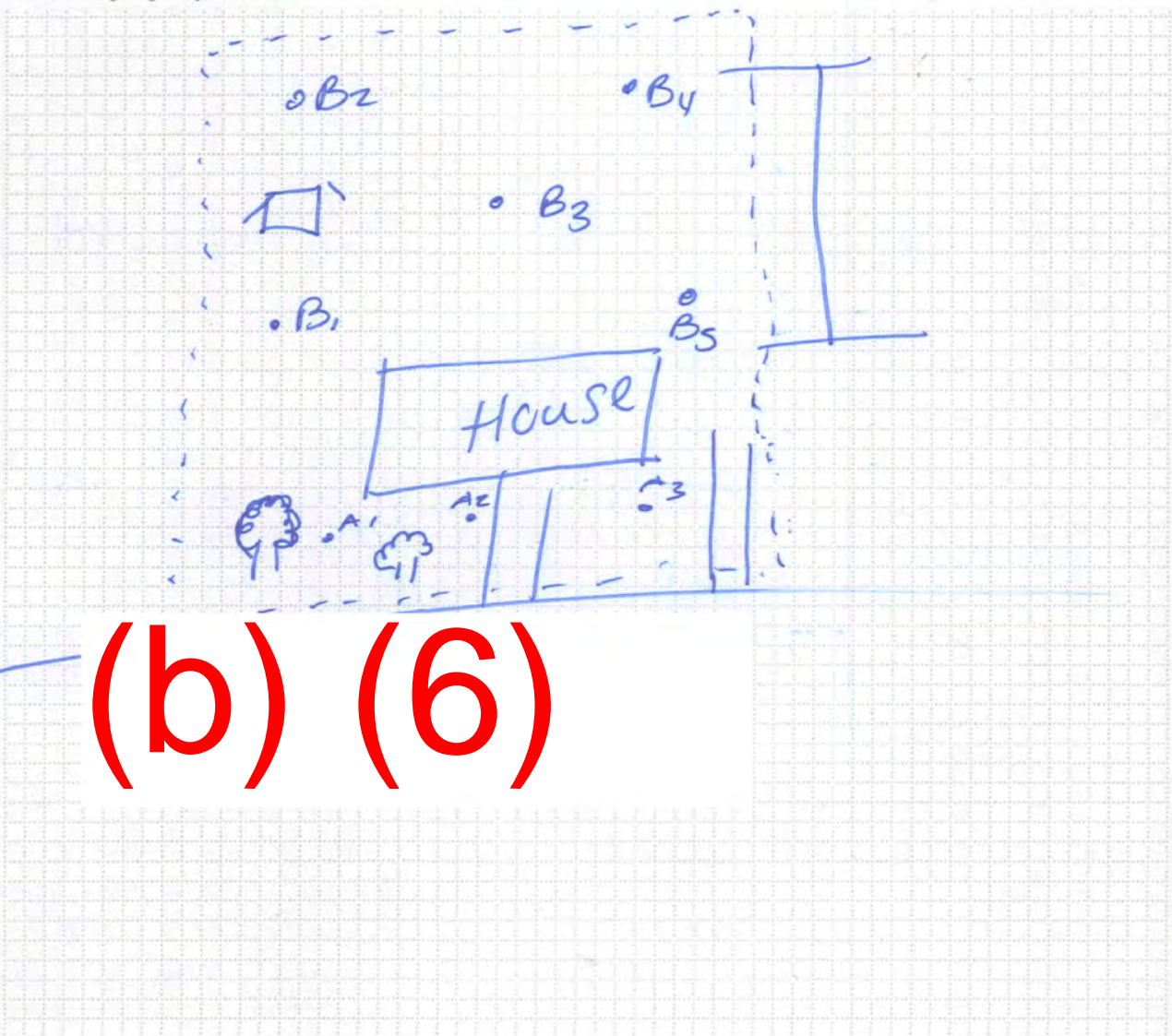
Other pertinent information (weather conditions, etc.):

62°F, Fog

PROPERTY COMMENTS:

Resident Home  
w/ (b) (6) legal attorney

Grid for property sketch





STATION ID: HP0119A SAMPLE ID: HP0119A-CS-SP

SAMPLE COLLECTION TIME: 1026

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0119A

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N 86.79213520

Aliquot #1: Latitude: 33.56494597 N Longitude 86.79207063 W 11/10/13

Media description: thin layer of gravel + DK brown silt followed by silt

Aliquot #2 Latitude: 33.56494691 N Longitude 86.79211497 W tan/orange clay and w/coal frag

Media description: same as previous

Aliquot #3: Latitude: 33.56494597 N Longitude 86.79207063 W

Media description: tan silt clay w/ minor coal fragments dry

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: HP0119B SAMPLE ID: HP0119B-CS-SP

SAMPLE COLLECTION TIME: 1031

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0119B

GPS Coordinates: Trimble [ ☒ ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56510908 N Longitude 86.79212982 W

Media description: DK brown to gray med sand w/coal fragments

Aliquot #2 Latitude: 33.56518962 N Longitude 86.79215095 W

Media description: DK brown to gray med sand w/coal fragments

Aliquot #3: Latitude: 33.56516211 N Longitude 86.79207891 W

Media description: DK brown to gray med sand w/coal fragments

Aliquot #4: Latitude: 33.56520796 N Longitude 86.79207766 W

Media description: DK brown sandy silt

Aliquot #5: Latitude: 33.56510407 N Longitude 86.79205614 W

Media description: DK brown to gray med sand w/coal fragments



ADDRESS **(b) (6)** PROPERTY ID: HP0267

DATE: 1/10/13 ARRIVAL TIME: 12/3

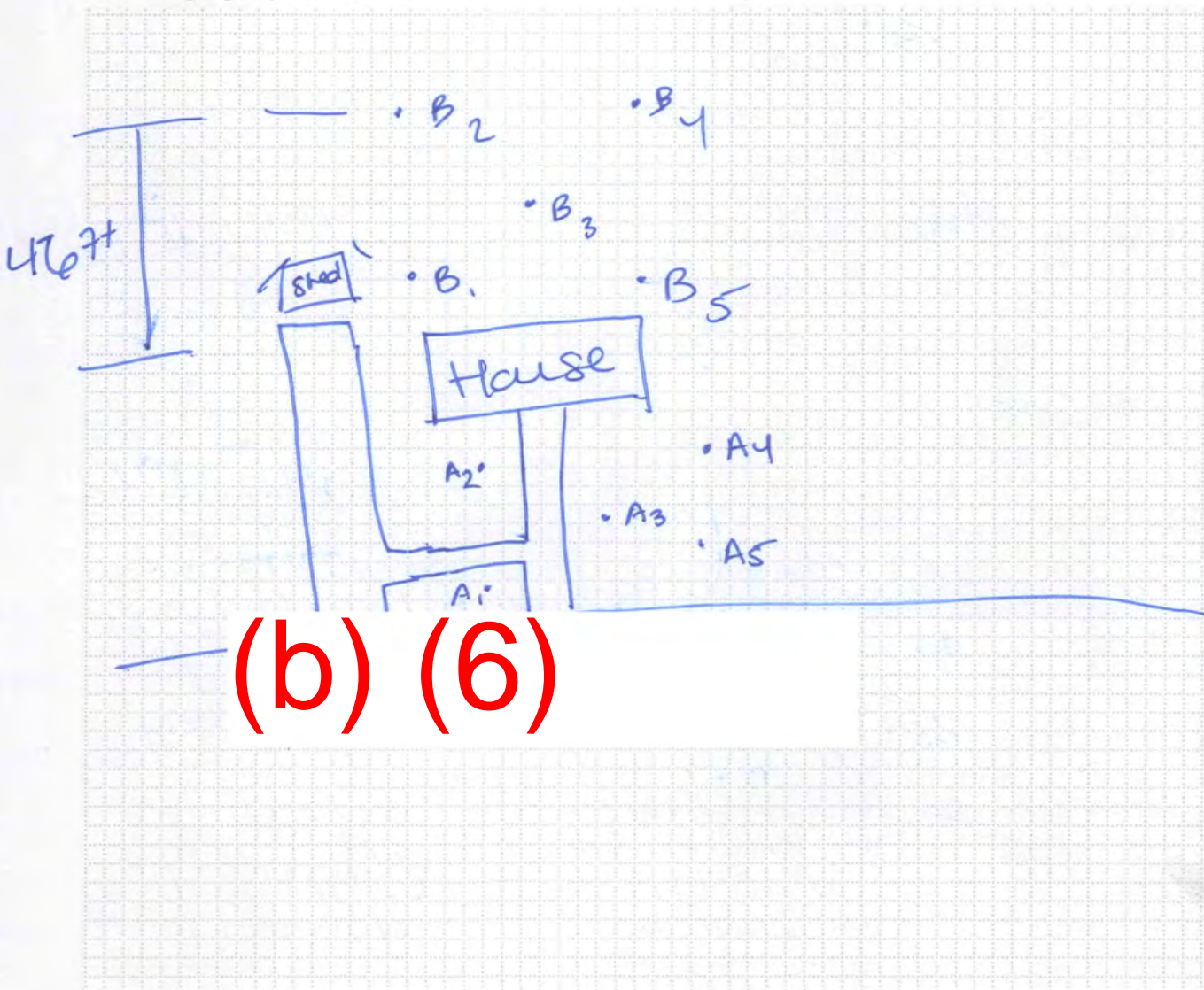
Other pertinent information (weather conditions, etc.):

63°F, Fog

PROPERTY COMMENTS:

Resident + Home  
w/ **(b) (6)** legal attorney

Grid for property sketch





STATION ID: HP0267A SAMPLE ID: HP0267A-CS-SP

SAMPLE COLLECTION TIME: 1223

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0267A

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56753228 N Longitude 86.79271492 W

Media description: DK brown clay silt dry to moist

Aliquot #2 Latitude: 33.56749698 N Longitude 86.79271194 W

Media description: same as previous

Aliquot #3: Latitude: 33.56750688 N Longitude 86.79275194 W

Media description: same as previous

Aliquot #4: Latitude: 33.56747220 N Longitude 86.79278499 W

Media description: same as previous

Aliquot #5: Latitude: 33.56752389 N Longitude 86.79280557 W

Media description: same as previous

STATION ID: HP0267B SAMPLE ID: HP0267B-CS-SP

SAMPLE COLLECTION TIME: 1230

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0267B

GPS Coordinates: Trimble ☒ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56732081 N Longitude 86.79266864 W

Media description: DK brown clay silt moist

Aliquot #2 Latitude: 33.56721664 N Longitude 86.79265629 W

Media description: Brown silty clay w/ coal fragments

Aliquot #3: Latitude: 33.56726360 N Longitude 86.79267791 W

Media description: DK brown clay silt moist

Aliquot #4: Latitude: 33.56720320 N Longitude 86.79270007 W

Media description: DK brown clay silt moist

Aliquot #5: Latitude: 33.56732099 N Longitude 86.79272055 W

Media description: DK brown clay silt moist

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: <sup>0231</sup>HP0194

DATE: 1/10/13 ARRIVAL TIME: 1310

Other pertinent information (weather conditions, etc.):

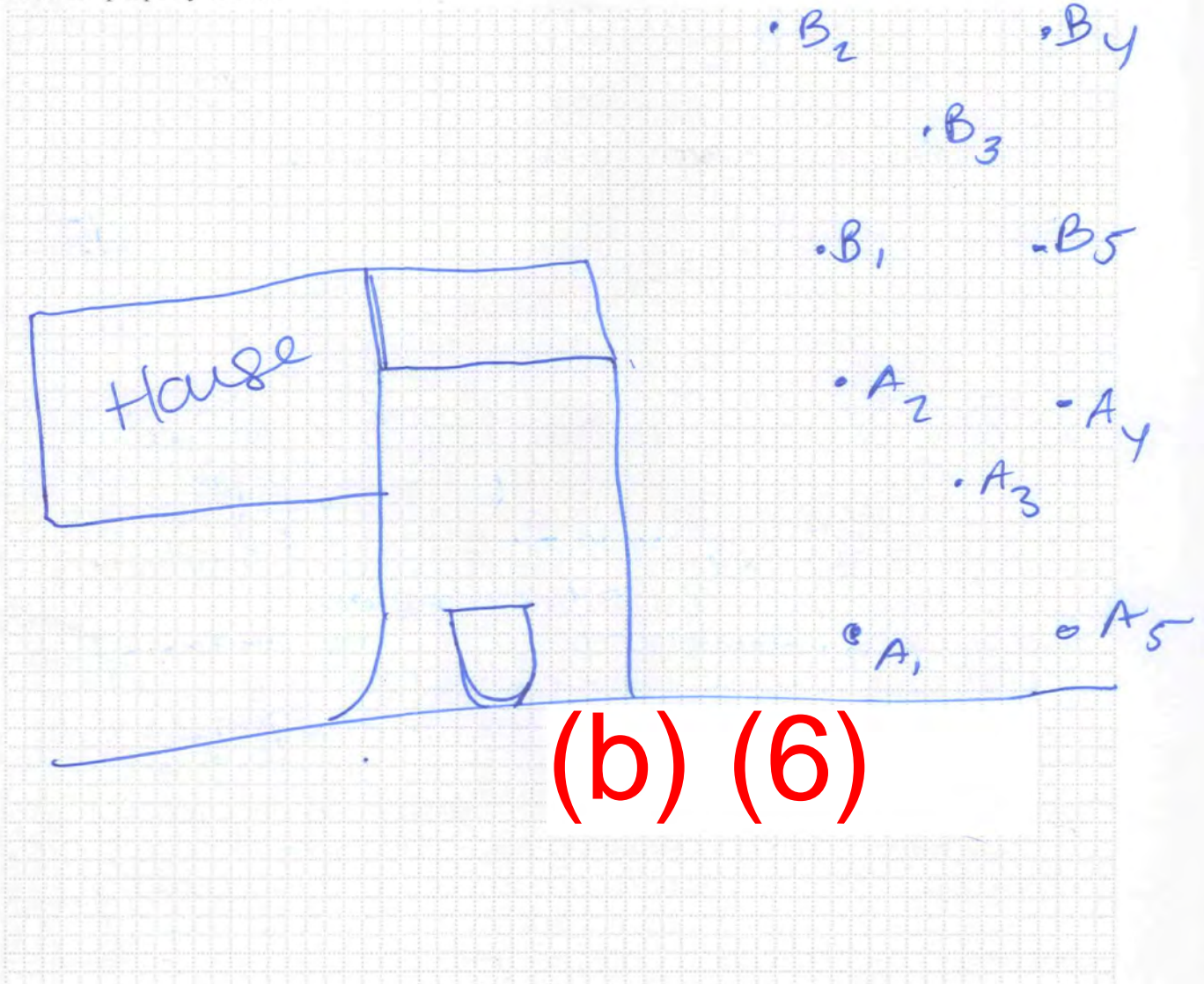
63°F, Fog

PROPERTY COMMENTS:

Side YARD to (b) (6)

w/ (b) (6) legax attorney

Grid for property sketch





STATION ID:

0231  
HP0194A

SAMPLE ID:

0231  
HP0194A-CS-SP

SAMPLE COLLECTION TIME:

1329

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

0231  
HP0194A

GPS Coordinates: Trimble [✓] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.86663313 N Longitude: 86.79224047 W

Media description: thin layer of sandy clay fill followed by blk sandy silt

Aliquot #2: Latitude: 33.86649939 N Longitude: 86.79224810 W

Media description: thin layer of sandy clay fill followed by blk sandy silt

Aliquot #3: Latitude: 33.86653939 N Longitude: 86.79227712 W

Media description: same as previous

Aliquot #4: Latitude: 33.86648769 N Longitude: 86.79228333 W

Media description: DK brown silt w/ gravel

Aliquot #5: Latitude: 33.86660648 N Longitude: 86.79229552 W

Media description: DK brown silt w/ gravel

STATION ID:

HP0231B

SAMPLE ID:

HP0231B-CS-SP

SAMPLE COLLECTION TIME:

1349

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

HP0231

GPS Coordinates: Trimble [✓] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.86642381 N Longitude: 86.79225801 W

Media description: DK brown silty clay moist

Aliquot #2: Latitude: 33.86631202 N Longitude: 86.79225350 W

Media description: tan to orange sandy clay w/ gravel

Aliquot #3: Latitude: 33.86637145 N Longitude: 86.79227619 W

Media description: same as previous w/ coal fragments

Aliquot #4: Latitude: 33.86630070 N Longitude: 86.79228942 W

Media description: tan to orange sandy clay w/ gravel

Aliquot #5: Latitude: 33.86643451 N Longitude: 86.79227916 W

Media description: thin layer of DK brown clay silt followed by bedrock



ADDRESS: (b) (6) PROPERTY ID: HP02 33  
DATE: 1/10/13 ARRIVAL TIME: 1310

Other pertinent information (weather conditions, etc.):

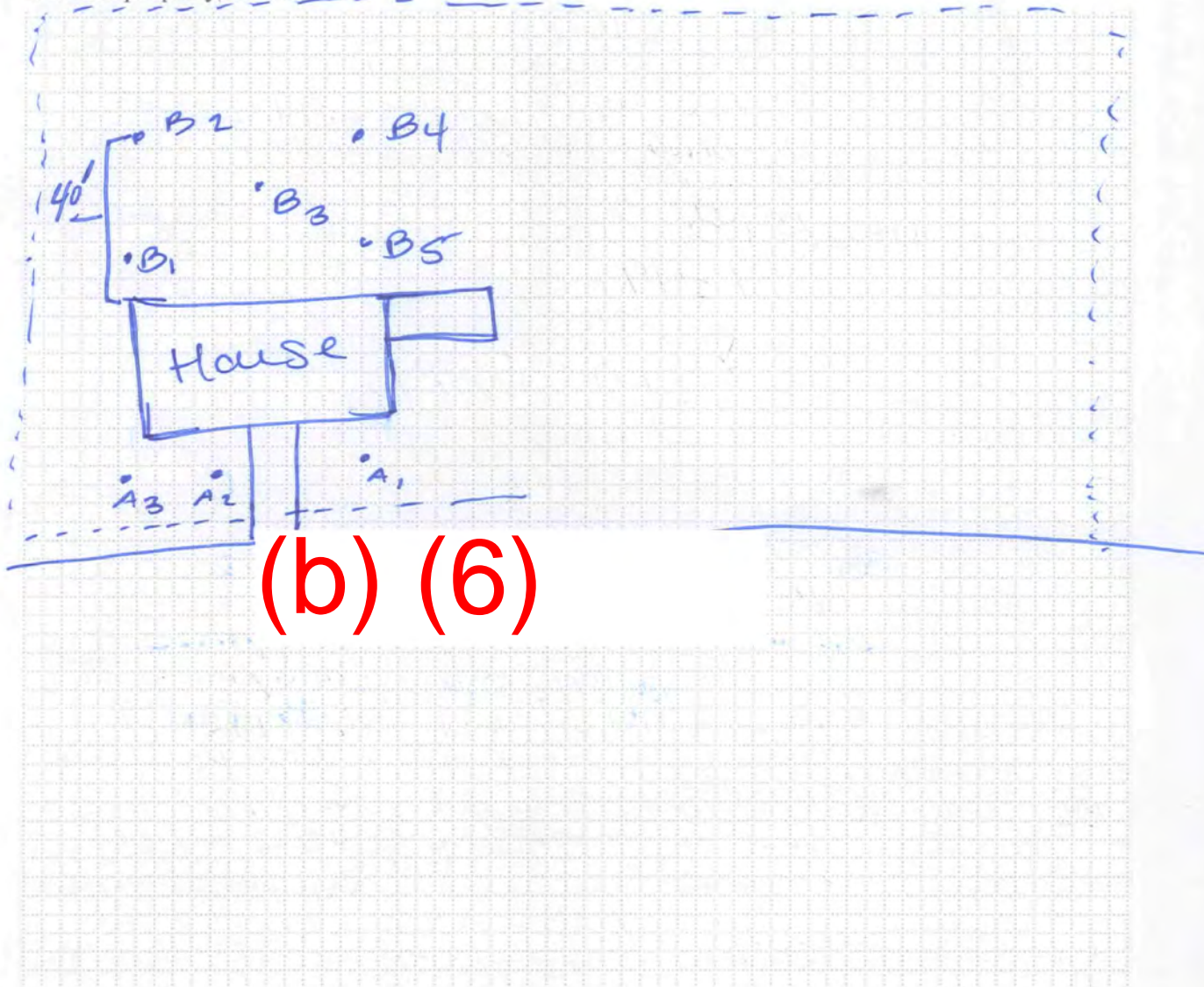
63°F, Fog

PROPERTY COMMENTS:

Resident + Home

w/ (b) (6) legal attorney

Grid for property sketch



(b) (6)



STATION ID: HP0233 SAMPLE ID: HP0233 A-CS-SP

SAMPLE COLLECTION TIME: 1415

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0233A

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56661826 N Longitude 86.79213008 W

Media description: DK brown clay silt dry

Aliquot #2 Latitude: 33.56661020 N Longitude 86.79208890 W

Media description: DK brown clay silt dry

Aliquot #3: Latitude: 33.56660852 N Longitude 86.79204296 W

Media description: DK brown clay silt dry

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: HP0233 SAMPLE ID: HP0233 B-CS-SP

SAMPLE COLLECTION TIME: 1422

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0233B

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56637023 N Longitude 86.79210472 W

Media description: orange sandy clay dry

Aliquot #2 Latitude: 33.56628747 N Longitude 86.79210801 W

Media description: orange sandy clay dry

Aliquot #3: Latitude: 33.56633162 N Longitude 86.79215052 W

Media description: orange sandy clay dry

Aliquot #4: Latitude: 33.56626679 N Longitude 86.79221987 W

Media description: orange sandy clay dry

Aliquot #5: Latitude: 33.56636590 N Longitude 86.79220895 W

Media description: orange sandy clay dry

(b) (6)

ADDRESS

PROPERTY ID:

HP0194

DATE:

1/10/13

ARRIVAL TIME:

1441

Other pertinent information (weather conditions, etc.):

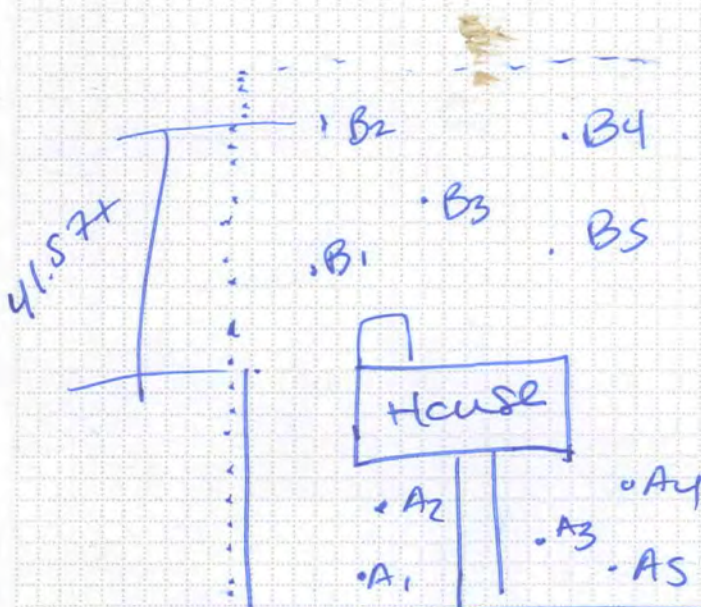
63°F, Fog

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal attorney

Grid for property sketch





STATION ID: HP0194A SAMPLE ID: HP0194A-CS-SP

SAMPLE COLLECTION TIME: 744H AB 1/10/13 1504

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0194A

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56579256 N Longitude 86.79130449 W

Media description: DK brown clay silt w/ coal fragments

Aliquot #2 Latitude: 33.56583649 N Longitude 86.79130543 W

Media description: DK brown clay silt w/ coal fragments

Aliquot #3: Latitude: 33.56581226 N Longitude 86.79127061 W

Media description: DK brown clay silt

Aliquot #4: Latitude: 33.56583526 N Longitude 86.79123393 W

Media description: DK brown clay silt

Aliquot #5: Latitude: 33.56579215 N Longitude 86.79123967 W

Media description: DK brown clay silt

STATION ID: HP0194B SAMPLE ID: HP0194B-CS-SP

SAMPLE COLLECTION TIME: 1501

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0194B

GPS Coordinates: Trimble [☒] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56605035 N Longitude 86.79132364 W

Media description: DK brown silt w/ some clay moist

Aliquot #2 Latitude: 33.56612760 N Longitude 86.79131525 W

Media description: Same as previous

Aliquot #3: Latitude: 33.56608236 N Longitude 86.79127904 W

Media description: Same as previous

Aliquot #4: Latitude: 33.56612227 N Longitude 86.79124332 W

Media description: same as previous

Aliquot #5: Latitude: 33.56604363 N Longitude 86.79124873 W

Media description: Same as previous

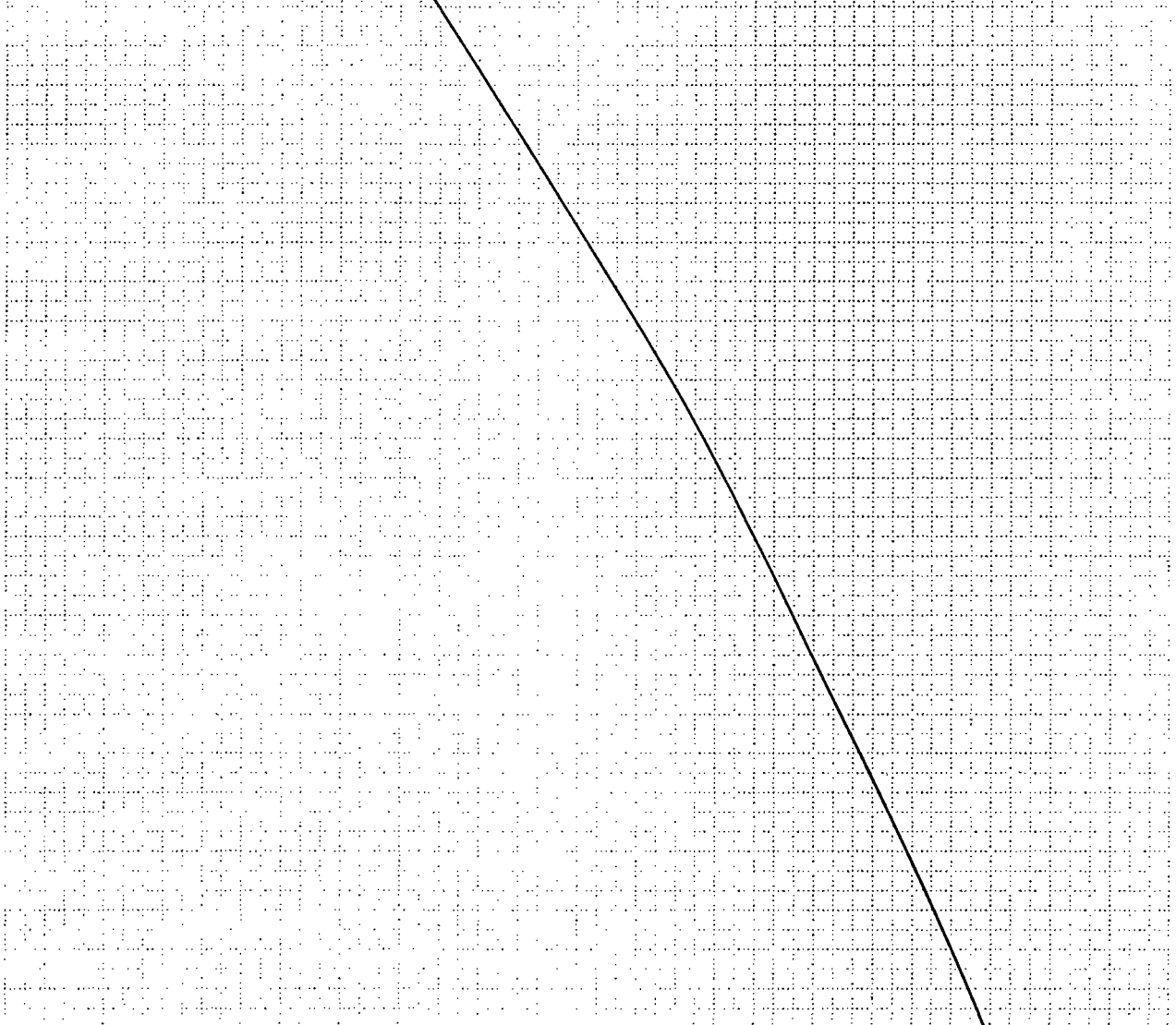
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch





STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
\_\_\_\_\_

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

SAMPLE COLLECTION TIME: \_\_\_\_\_

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
\_\_\_\_\_

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: \_\_\_\_\_

GPS Coordinates: Trimble [ ] Instrument #: \_\_\_\_\_ Logged? Y or N

Aliquot #1: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #2 Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_